

09/450,999

FILE 'REGISTRY' ENTERED AT 17:37:04 ON 27 NOV 2000

=>

Uploading 450999.str

L9 STRUCTURE UPLOADED

=> s l9 sss full

FULL SEARCH INITIATED 17:48:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 378141 TO ITERATE

32.0% PROCESSED	121164 ITERATIONS	12 ANSWERS
60.1% PROCESSED	227393 ITERATIONS	54 ANSWERS
82.3% PROCESSED	311374 ITERATIONS	59 ANSWERS
98.6% PROCESSED	372823 ITERATIONS	69 ANSWERS
100.0% PROCESSED	378141 ITERATIONS	70 ANSWERS

SEARCH TIME: 00.01.22

L11 70 SEA SSS FUL L9

=> d l9 sim

L9 HAS NO ANSWERS

L9 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l11 and up<19981130

14531335 UP<19981130
(UP<981130)

L12 17 L11 AND UP<19981130

=> s pyrid?/cns and l11

1098272 PYRID?/CNS
L13 38 PYRID?/CNS AND L11

=> s l13 not l12

L14 38 L13 NOT L12

=> d l12 1-17 ide cbib pi

L12 ANSWER 1 OF 17 REGISTRY .COPYRIGHT 2000 ACS

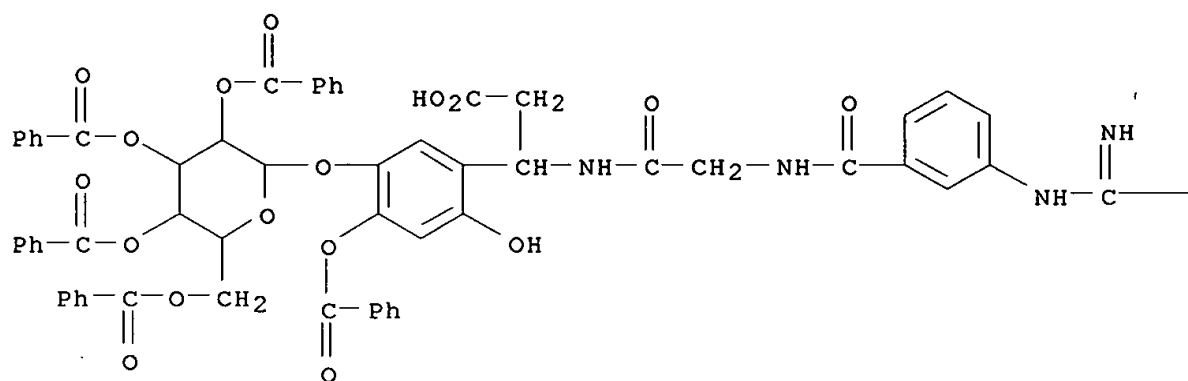
RN 188811-83-8 REGISTRY

CN .beta.-Alanine, N-[3-[(aminoiminomethyl)amino]benzoyl]glycyl-3-[4-

(benzoyloxy)-2-hydroxy-5-[(2,3,4,6-tetra-O-benzoylhexopyranosyl)oxy]phenyl

]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C60 H51 N5 O17
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

PAGE 1-A



PAGE 1-B

—NH₂

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 126:264011 Preparation of meta-guanidine, urea, thiourea or azacyclic amino benzoic acid derivatives as integrin antagonists.
 Ruminski, Peter Gerrard; Clare, Michael; Collins, Paul Waddell; Desai,

Bipinchandra Nanubhai; Lindmark, Richard John; Rico, Joseph Gerace; Rogers, Thomas Edward; Russell, Mark Andrew; et al. (G.D. Searle & Co., USA; Ruminski, Peter Gerrard; Clare, Michael; Collins, Paul Waddell; Desai, Bipinchandra Nanubhai; Lindmark, Richard, John). PCT Int. Appl.

WO

9708145 A1 19970306, 930 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US13500 19960827.

PRIORITY: US 1995-3277 19950830.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9708145	A1	19970306	WO 1996-US13500	19960827
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	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM			
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	AU 702487	B2	19990225		
	EP 850221	A1	19980701	EP 1996-932142	19960827
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	BR 9610422	A	19990713	BR 1996-10422	19960827
	JP 11510814	T2	19990921	JP 1996-510397	19960827
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L12 ANSWER 2 OF 17 REGISTRY COPYRIGHT 2000 ACS

RN 188811-82-7 REGISTRY

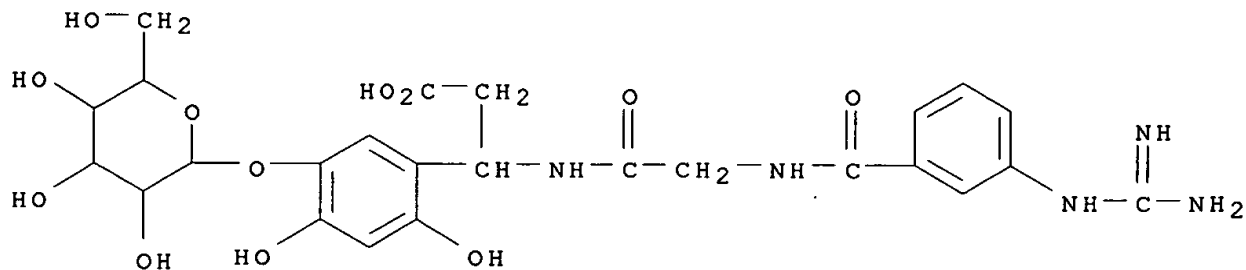
CN .beta.-Alanine, N-[3-[(aminoiminomethyl)amino]benzoyl]glycyl-3-[5-(hexopyranosyloxy)-2,4-dihydroxyphenyl]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C25 H31 N5 O12

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 126:264011 Preparation of meta-guanidine, urea, thiourea or azacyclic amino benzoic acid derivatives as integrin antagonists. Ruminski, Peter Gerrard; Clare, Michael; Collins, Paul Waddell; Desai, Bipinchandra Nanubhai; Lindmark, Richard John; Rico, Joseph Gerace; Rogers, Thomas Edward; Russell, Mark Andrew; et al. (G.D. Searle & Co., USA; Ruminski, Peter Gerrard; Clare, Michael; Collins, Paul Waddell; Desai, Bipinchandra Nanubhai; Lindmark, Richard, John). PCT Int. Appl.

WO

9708145 A1 19970306, 930 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US13500 19960827.

PRIORITY: US 1995-3277 19950830.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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AU 702487	B2	19990225		
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R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,	
FI CN 1201454	A	19981209	CN 1996-197911	19960827
BR 9610422	A	19990713	BR 1996-10422	19960827
JP 11510814	T2	19990921	JP 1996-510397	19960827
NO 9800817	A	19980424	NO 1998-817	19980226

L12 ANSWER 3 OF 17 REGISTRY COPYRIGHT 2000 ACS

RN 188811-76-9 REGISTRY

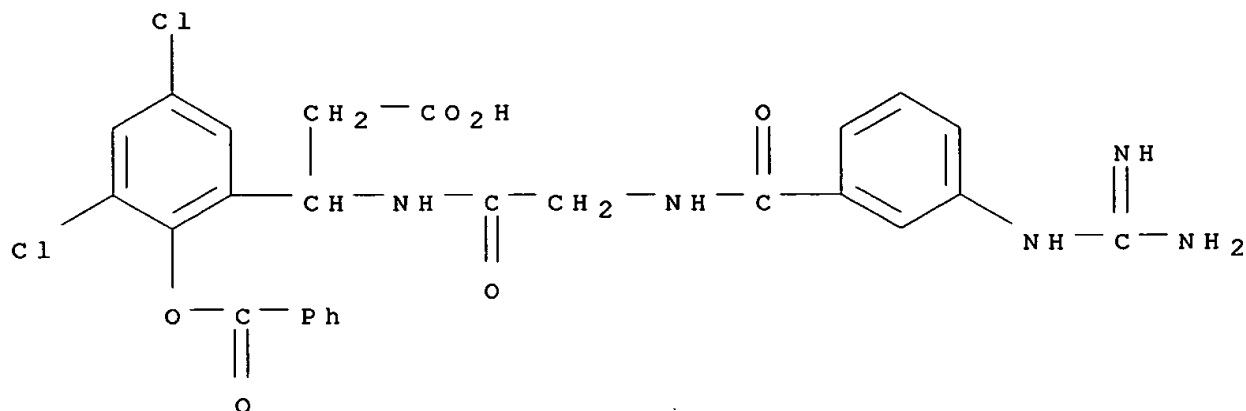
CN .beta.-Alanine, N-[3-[(aminoiminomethyl)amino]benzoyl]glycyl-3-[2-(benzoyloxy)-3,5-dichlorophenyl]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C26 H23 Cl2 N5 O6

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 126:264011 Preparation of meta-guanidine, urea, thiourea or azacyclic amino benzoic acid derivatives as integrin antagonists. Ruminski, Peter Gerrard; Clare, Michael; Collins, Paul Waddell; Desai, Bipinchandra Nanubhai; Lindmark, Richard John; Rico, Joseph Gerace; Rogers, Thomas Edward; Russell, Mark Andrew; et al. (G.D. Searle & Co., USA; Ruminski, Peter Gerrard; Clare, Michael; Collins, Paul Waddell; Desai, Bipinchandra Nanubhai; Lindmark, Richard, John). PCT Int. Appl.

WO

9708145 A1 19970306, 930 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US13500 19960827. PRIORITY: US 1995-3277 19950830.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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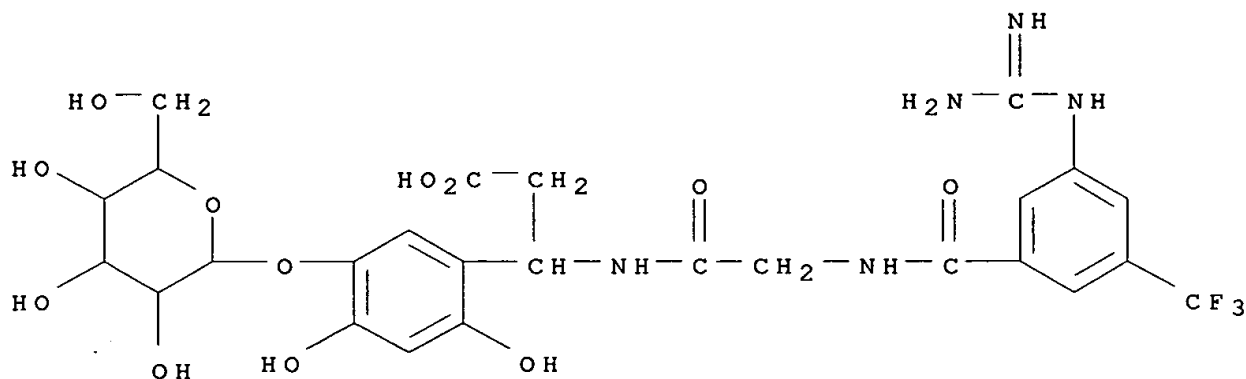
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CA 2230209	AA 19970306 CA 1996-2230209 19960827
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AU 702487	B2 19990225
EP 850221	A1 19980701 EP 1996-932142 19960827
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FI

CN 1201454	A 19981209	CN 1996-197911	19960827
BR 9610422	A 19990713	BR 1996-10422	19960827
JP 11510814	T2 19990921	JP 1996-510397	19960827
NO 9800817	A 19980424	NO 1998-817	19980226

L12 ANSWER 4 OF 17 REGISTRY COPYRIGHT 2000 ACS
 RN 188811-50-9 REGISTRY
 CN .beta.-Alanine, N-[3-[(aminoiminomethyl)amino]-5-(trifluoromethyl)benzoyl]glycyl-3-[5-(hexopyranosyloxy)-2,4-dihydroxyphenyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C26 H30 F3 N5 O12
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 126:264011 Preparation of meta-guanidine, urea, thiourea or azacyclic amino benzoic acid derivatives as integrin antagonists. Ruminski, Peter Gerrard; Clare, Michael; Collins, Paul Waddell; Desai, Bipinchandra Nanubhai; Lindmark, Richard John; Rico, Joseph Gerace; Rogers, Thomas Edward; Russell, Mark Andrew; et al. (G.D. Searle & Co., USA; Ruminski, Peter Gerrard; Clare, Michael; Collins, Paul Waddell; Desai, Bipinchandra Nanubhai; Lindmark, Richard, John). PCT Int. Appl.

WO 9708145 A1 19970306, 930 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1996-US13500 19960827. PRIORITY: US 1995-3277 19950830.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9708145	A1	19970306	WO 1996-US13500	19960827
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AU 9671039	A1	19970319	AU 1996-71039	19960827
AU 702487	B2	19990225		
EP 850221	A1	19980701	EP 1996-932142	19960827

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,

FI

CN 1201454	A	19981209	CN 1996-197911	19960827
BR 9610422	A	19990713	BR 1996-10422	19960827
JP 11510814	T2	19990921	JP 1996-510397	19960827
NO 9800817	A	19980424	NO 1998-817	19980226

L12 ANSWER 5 OF 17 REGISTRY COPYRIGHT 2000 ACS

RN 183252-60-0 REGISTRY

CN Benzenepropanoic acid, .beta.-[(ethoxycarbonyl)amino]-.alpha.-hydroxy-4-
 [[[4-(1-methylethylidene)-2-cyclohexen-1-yl]carbonyl]oxy]-,
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 epoxy-1,4-methanophenanthren-2-yl ester, (.alpha.R,.beta.S)- (9CI) (CA
 INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenepropanoic acid, .beta.-[(ethoxycarbonyl)amino]-.alpha.-hydroxy-4-
 [[[4-(1-methylethylidene)-2-cyclohexen-1-yl]carbonyl]oxy]-,
 1,2,3,4,9,10-hexahydro-1,9,12,12-tetramethyl-4a,10a-epoxy-1,4-
 methanophenanthren-2-yl ester,
 [1R-[1.alpha.,2.beta.[.alpha.R*,.beta.S*(S*
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FS STEREOSEARCH

MF C41 H49 N O8

SR CA

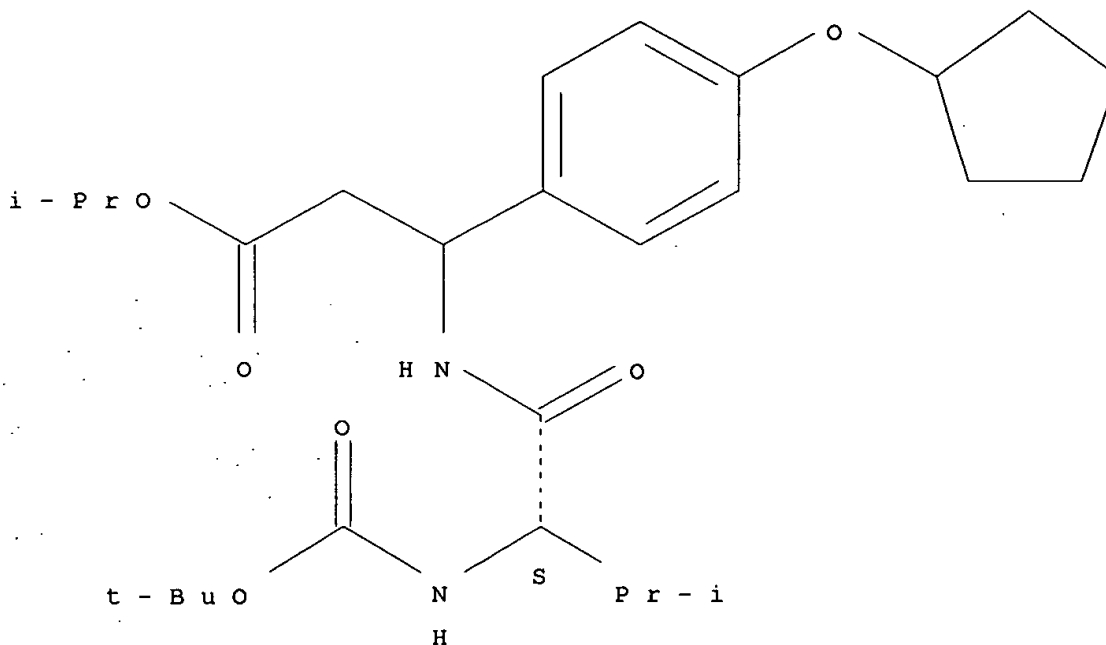
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.

ES 2133953 T3 19990916 ES 1996-909153 19960329
US 5965609 A 19991012 US 1998-930009 19980313

L12 ANSWER 6 OF 17 REGISTRY COPYRIGHT 2000 ACS
RN 180263-19-8 REGISTRY
CN .beta.-Alanine, 3-[4-(cyclopentyloxy)phenyl]-N-[N-[(1,1-dimethylethoxy)carbonyl]-L-valyl]-, 1-methylethyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C27 H42 N2 O6
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 125:168644 Derivatives of beta-aminopropionic acid with a fungicidal activity. Camaggi, Giovanni; Filippini, Lucio; Gusmeroli, Marilena; Mormile, Silvia; Signorini, Ernesto; Garavaglia, Carlo (Isagro Ricerca S.r.l., Italy). Eur. Pat. Appl. EP 718280 A2 19960626, 77 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI,

LU,

NL, PT, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1995-115777 19951006. PRIORITY: IT 1994-MI2156 19941021.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 718280	A2	19960626	EP 1995-115777	19951006
EP 718280	A3	19961030		
EP 843967	A1	19980527	EP 1998-100374	19951006
EP 843967	B1	20000405		

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EP 843967 A1 19980527 EP 1998-100374 19951006
EP 843967 B1 20000405
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SI

AT 191317	E	20000415	AT 1998-100374	19951006
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ES 2144885	T3	20000616	ES 1998-100374	19951006
AU 9533147	A1	19960502	AU 1995-33147	19951010
AU 707241	B2	19990708		
JP 08245541	A2	19960924	JP 1995-299254	19951023
US 5856311	A	19990105	US 1995-553782	19951023

L12 ANSWER 7 OF 17 REGISTRY COPYRIGHT 2000 ACS

RN 170565-32-9 REGISTRY

CN Benzenepropanoic acid, .beta.-[[[4-[4-(aminoiminomethyl)phenyl]-4-methyl-2,5-dioxo-1-imidazolidinyl]acetyl]amino]-3-phenoxy- (9CI) (CA INDEX

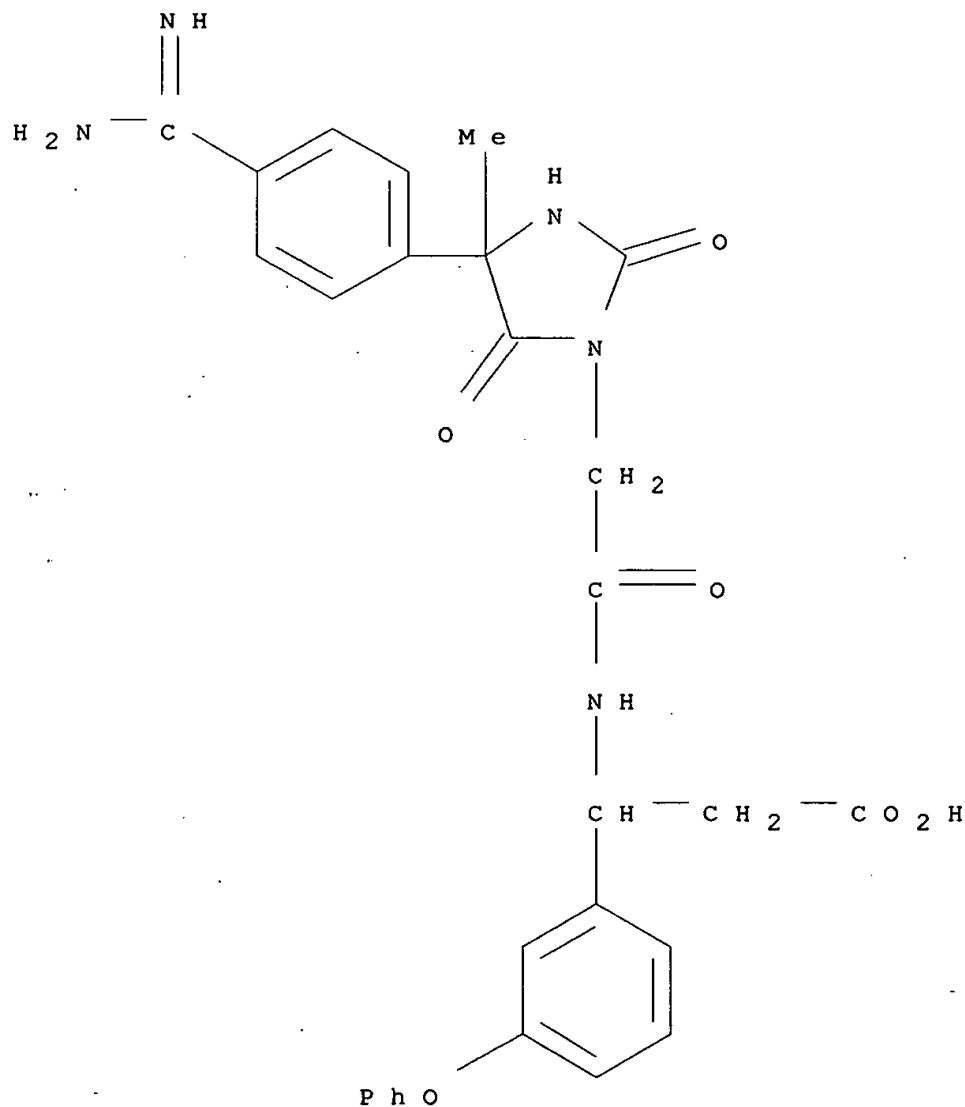
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FS 3D CONCORD

MF C28 H27 N5 O6

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 123:340969 Preparation of substituted 5-member-ring heterocyclic-compound blood platelet aggregation inhibitors and anticancer

agents. Zoller, Gerhard; Klingler, Otmar; Jablonka, Bernd; Just, Melitta;

Breipohl, Gerhard; Knolle, Jochen; Koenig, Wolfgang; Stilz, Hans-Ulrich (Cassella Aktiengesellschaft, Germany). PCT Int. Appl. WO 9514008 A1 19950526, 103 pp. DESIGNATED STATES: W: AU, CA, CN, CZ, FI, HU, JP, KR, PL, RU, SK, US; RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (German). CODEN: PIXXD2. APPLICATION: WO 1994-EP3491 19941024. PRIORITY: DE 1993-4338944 19931115; DE 1994-4427979 19940808.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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AU 9479397	A1	19950606	AU 1994-79397	19941024
AU 693811	B2	19980709		
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
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FI 9602043	A	19960514	FI 1996-2043	19960514
US 5981492	A	19991109	US 1996-640895	19960719

L12 ANSWER 8 OF 17 REGISTRY COPYRIGHT 2000 ACS

RN 147525-56-2 REGISTRY

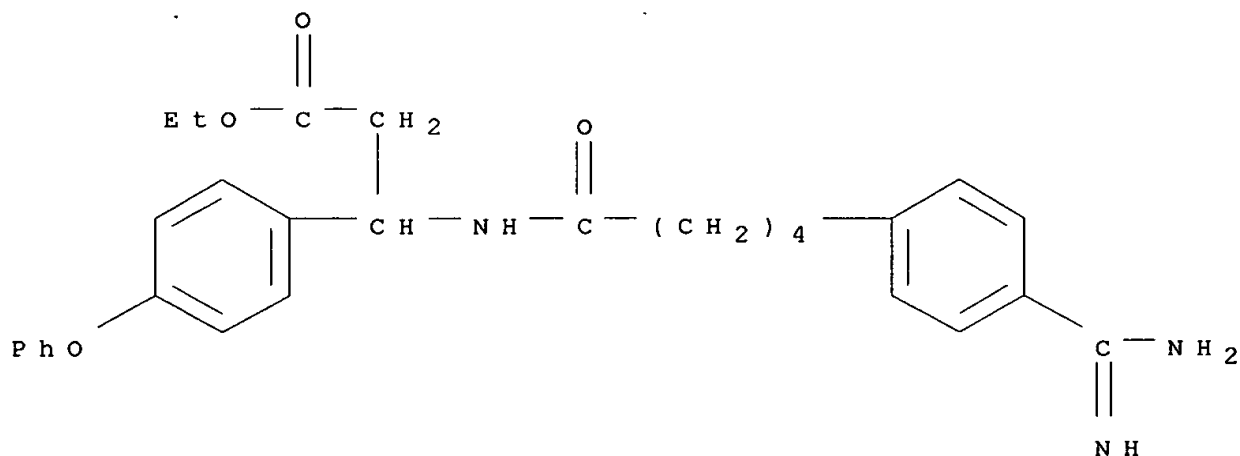
CN Benzenepropanoic acid, .beta.-[[5-[4-(aminoiminomethyl)phenyl]-1-oxopentyl]amino]-4-phenoxy-, ethyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C29 H33 N3 O4

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 118:234488 Preparation of amidine-containing peptide mimetic compounds useful as platelet aggregation inhibitors. Garland, Robert Bruce; Miyano, Masateru; Zablocki, Jeffery Alan; Bovy, Philippe Roger; McMackins, Dudley Elgin; Rico, Joseph Gerace; Tjoeng, Foe Siong; Toth, Mihaly Vadkerti (Searle, G. D., and Co., USA; Monsanto Co.). Eur. Pat. Appl. EP 513810 A1 19921119, 66 pp. DESIGNATED STATES: R: PT. (English). CODEN: EPXXDW. APPLICATION: EP 1992-108214 19920515. PRIORITY: US 1991-702667 19910517; US 1991-792542 19911112.

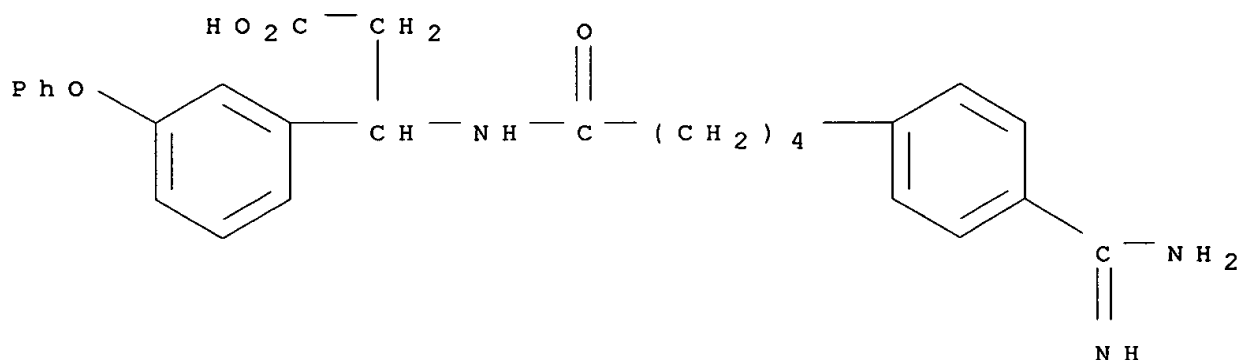
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AU 9220251	A1	19921230	AU 1992-20251	19920506

L12 ANSWER 9 OF 17 REGISTRY COPYRIGHT 2000 ACS
RN 147525-23-3 REGISTRY
CN Benzenepropanoic acid, .beta.-[[5-[4-(aminoiminomethyl)phenyl]-1-oxopentyl]amino]-3-phenoxy-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

MF C27 H29 N3 O4 . C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

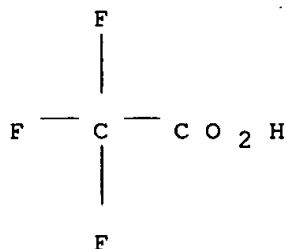
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CM 2

CRN 76-05-1
CMF C2 H F3 O2

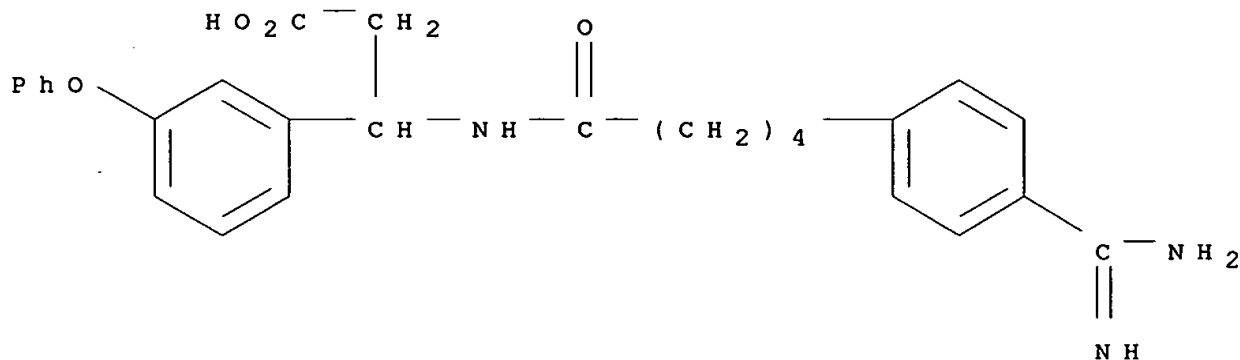


1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 118:234488 Preparation of amidine-containing peptide mimetic compounds useful as platelet aggregation inhibitors. Garland, Robert Bruce; Miyano, Masateru; Zablocki, Jeffery Alan; Bovy, Philippe Roger; McMackins, Dudley Elgin; Rico, Joseph Gerace; Tjoeng, Foe Siong; Toth, Mihaly Vadkert (Searle, G. D., and Co., USA; Monsanto Co.). Eur. Pat. Appl. EP 513810 A1 19921119, 66 pp. DESIGNATED STATES: R: PT. (English). CODEN: EPXXDW. APPLICATION: EP 1992-108214 19920515. PRIORITY: US 1991-702667 19910517; US 1991-792542 19911112.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 513810	A1	19921119	EP 1992-108214	19920515
R: PT				
US 5220050	A	19930615	US 1991-792542	19911112
WO 9220705	A1	19921126	WO 1992-US3573	19920506
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RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
AU 9220251	A1	19921230	AU 1992-20251	19920506

L12 ANSWER 10 OF 17 REGISTRY COPYRIGHT 2000 ACS
 RN 147525-22-2 REGISTRY
 CN Benzenepropanoic acid, .beta.-[[5-[4-(aminoiminomethyl)phenyl]-1-oxopentyl]amino]-3-phenoxy- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H29 N3 O4
 CI COM
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 LC STN Files: CA, CAPLUS, USPATFULL



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

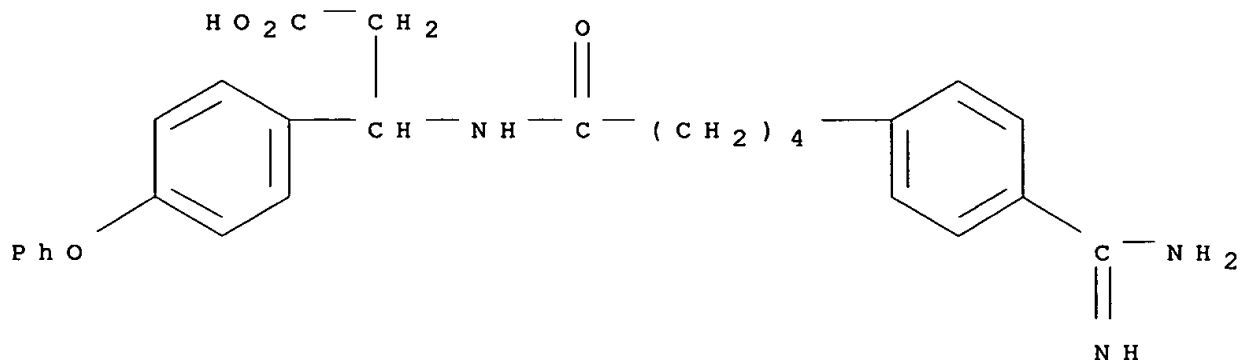
REFERENCE 1: 118:234488 Preparation of amidine-containing peptide mimetic compounds useful as platelet aggregation inhibitors. Garland, Robert Bruce; Miyano, Masateru; Zablocki, Jeffery Alan; Bovy, Philippe Roger; McMackins, Dudley Elgin; Rico, Joseph Gerace; Tjoeng, Foe Siong; Toth, Mihaly Vadkerti (Searle, G. D., and Co., USA; Monsanto Co.). Eur. Pat. Appl. EP 513810 A1 19921119, 66 pp. DESIGNATED STATES: R: PT. (English). CODEN: EPXXDW. APPLICATION: EP 1992-108214 19920515. PRIORITY: US 1991-702667 19910517; US 1991-792542 19911112.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 513810	A1	19921119	EP 1992-108214	19920515
R: PT				
US 5220050	A	19930615	US 1991-792542	19911112
WO 9220705	A1	19921126	WO 1992-US3573	19920506
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
AU 9220251	A1	19921230	AU 1992-20251	19920506

L12 ANSWER 11 OF 17 REGISTRY COPYRIGHT 2000 ACS
RN 147525-19-7 REGISTRY
CN Benzenepropanoic acid, .beta.-[[5-[4-(aminoiminomethyl)phenyl]-1-oxopentyl]amino]-4-phenoxy-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
MF C27 H29 N3 O4 . C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

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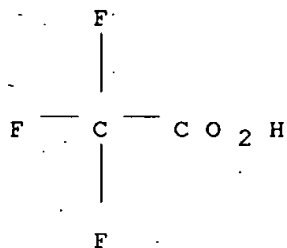
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CM 2

CRN 76-05-1

CMF C2 H F3 O2



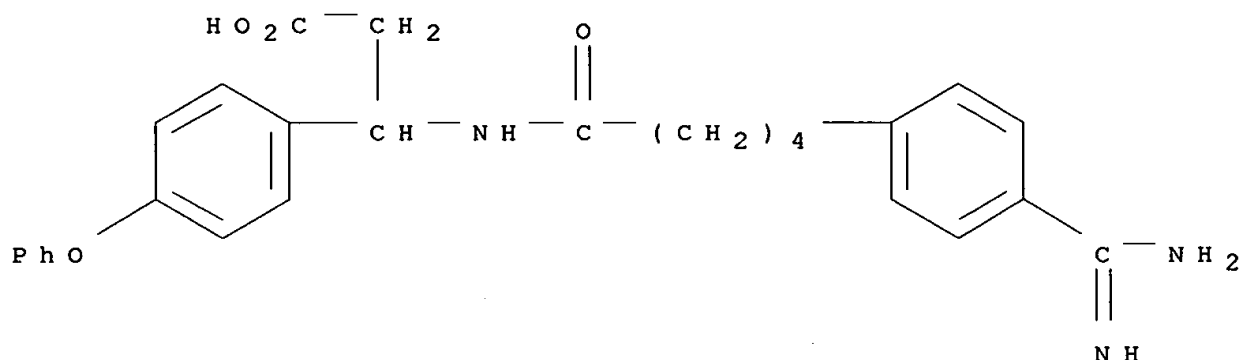
1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 118:234488 Preparation of amidine-containing peptide mimetic compounds useful as platelet aggregation inhibitors. Garland, Robert Bruce; Miyano, Masateru; Zablocki, Jeffery Alan; Bovy, Philippe Roger; McMackins, Dudley Elgin; Rico, Joseph Gerace; Tjoeng, Foe Siong; Toth, Mihaly Vadkerti (Searle, G. D., and Co., USA; Monsanto Co.). Eur. Pat. Appl. EP 513810 A1 19921119, 66 pp. DESIGNATED STATES: R: PT. (English). CODEN: EPXXDW. APPLICATION: EP 1992-108214 19920515. PRIORITY: US 1991-702667 19910517; US 1991-792542 19911112.

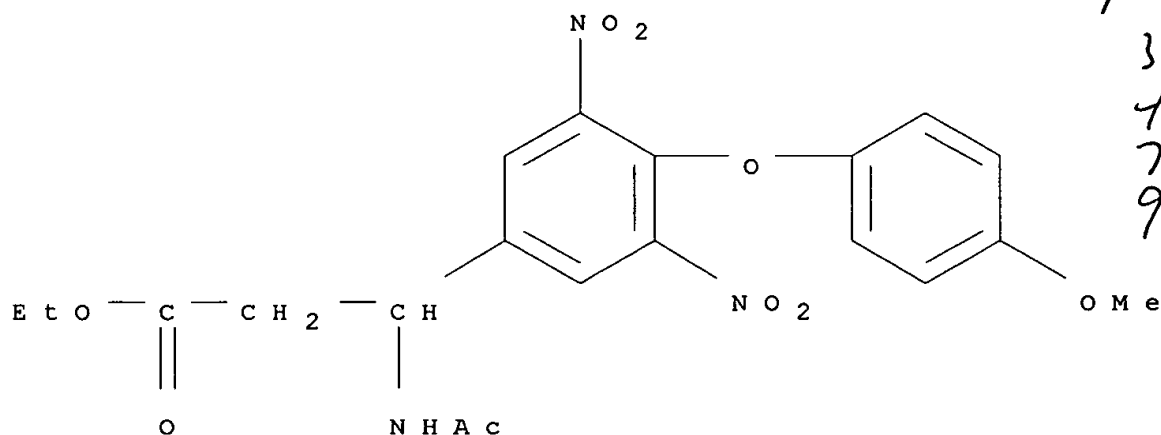
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EP 513810	A1	19921119	EP 1992-108214	19920515
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WO 9220705	A1	19921126	WO 1992-US3573	19920506
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
AU 9220251	A1	19921230	AU 1992-20251	19920506

RN 147525-18-6 REGISTRY
 CN Benzenepropanoic acid, .beta.-[[5-[4-(aminoiminomethyl)phenyl]-1-oxopentyl]amino]-4-phenoxy- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C27 H29 N3 O4
 CI COM
 SR CA



L12 ANSWER 13 OF 17 REGISTRY COPYRIGHT 2000 ACS
 RN 110375-70-7 REGISTRY
 CN Hydrocinnamic acid, .beta.-acetamido-4-(p-methoxyphenoxy)-3,5-dinitro-, ethyl ester (6CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H21 N3 O9
 SR CAOLD
 LC STN Files: BEILSTEIN*, CAOLD
 (*File contains numerically searchable property data)

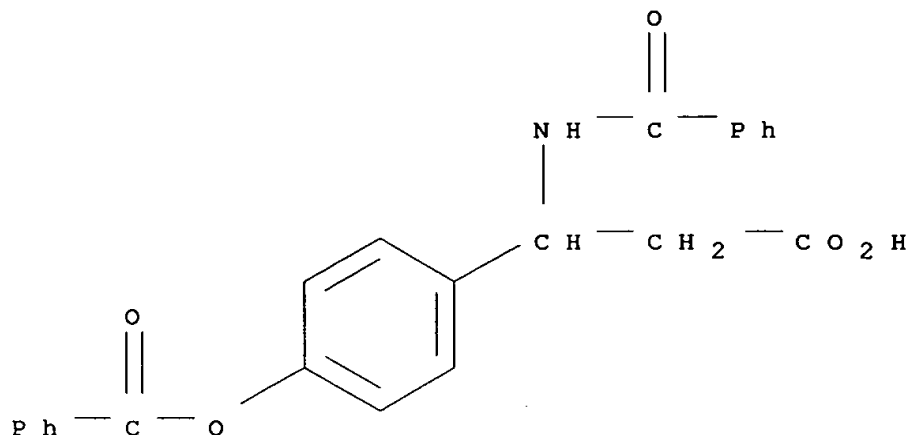
Suvorov



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 14 OF 17 REGISTRY COPYRIGHT 2000 ACS
 RN 102594-51-4 REGISTRY
 CN Hydrocinnamic acid, .beta.-benzamido-p-hydroxy-, benzoate (6CI) (CA INDEX NAME)

NAME)
 FS 3D CONCORD
 MF C23 H19 N O5
 SR CAOLD
 LC STN Files: BEILSTEIN*, CAOLD
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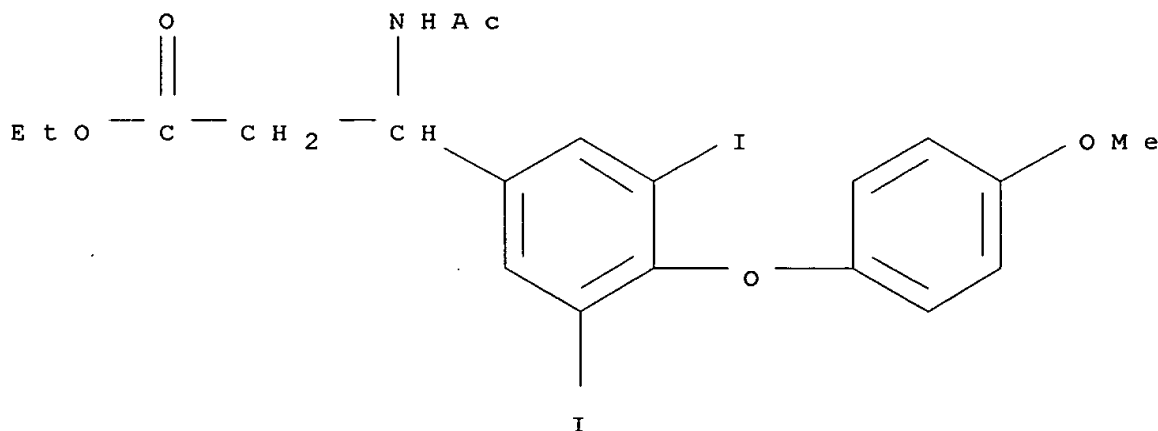


16
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2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ~~ANSWER 15-OF-17~~ 'REGISTRY' COPYRIGHT 2000 ACS
 RN 102012-12-4 REGISTRY
 CN Hydrocinnamic acid, .beta.-acetamido-3,5-diiodo-4-(p-methoxyphenoxy)-, ethyl ester (6CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C20 H21 I2 N O5
 SR CAOLD
 LC STN Files: BEILSTEIN*, CAOLD
 (*File contains numerically searchable property data)

Sotom



1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L12 ANSWER 16 OF 17 REGISTRY COPYRIGHT 2000 ACS
 RN 84878-01-3 REGISTRY

CN Benzenepropanoic acid, .beta.-[[[(1,1-dimethylethoxy)carbonyl]amino]-4-methoxy-3-[4-(3-methoxy-3-oxo-1-propenyl)phenoxy]-, methyl ester, (Z)-(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

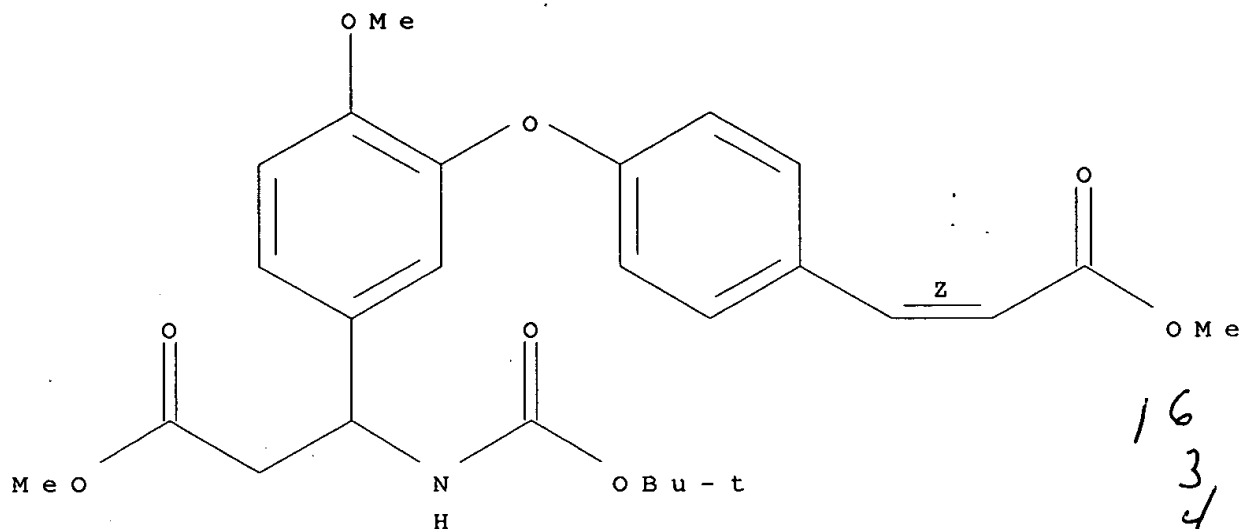
CN Benzenepropanoic acid, .beta.-[[[(1,1-dimethylethoxy)carbonyl]amino]-4-methoxy-3-[4-(3-methoxy-3-oxo-1-propenyl)phenoxy]-, methyl ester, (Z)-(.+-.)-

FS STEREOSEARCH

MF C26 H31 N O8

LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 99:38691 Total synthesis of (.+-.)-chaenorhine. Wasserman, Harry H.; Robinson, Ralph P.; Carter, Charles G. (Dep. Chem., Yale Univ., New Haven, CT, 06511, USA). J. Am. Chem. Soc., 105(6), 1697-8 (English) 1983. CODEN: JACSAT. ISSN: 0002-7863.

L12 ANSWER 17 OF 17 REGISTRY COPYRIGHT 2000 ACS

RN 2802-52-0 REGISTRY

CN Hydrocinnamic acid, .beta.-benzamido-3-fluoro-4-hydroxy-, benzoate (ester)

(8CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

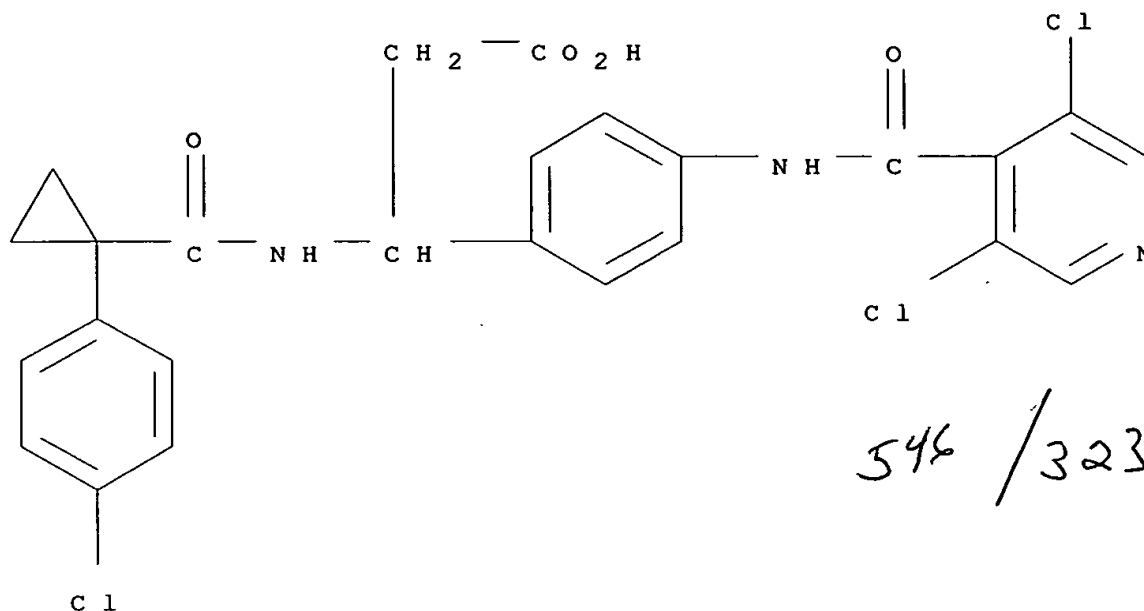
CN Hydrocinnamic acid, .beta.-benzamido-3-fluoro-4-hydroxy-, benzoate (6CI)

FS 3D CONCORD

MF C23 H18 F N O5

LC STN Files: BEILSTEIN*, CAOLD
(*File contains numerically searchable property data)

Novelli



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH,

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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.
PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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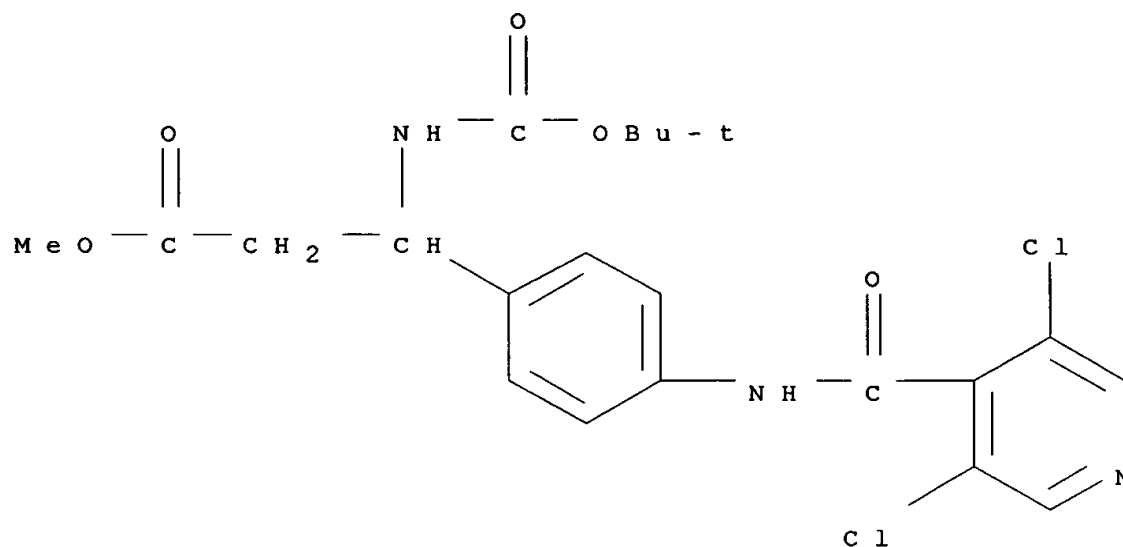
L14 ANSWER 2 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273920-26-6 REGISTRY

CN **Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[(1,1-dimethylethoxy)carbonyl]amino]-, methyl ester (9CI)**
(CA INDEX NAME)

FS 3D CONCORD

MF C21 H23 Cl2 N3 O5
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
 DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH,

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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

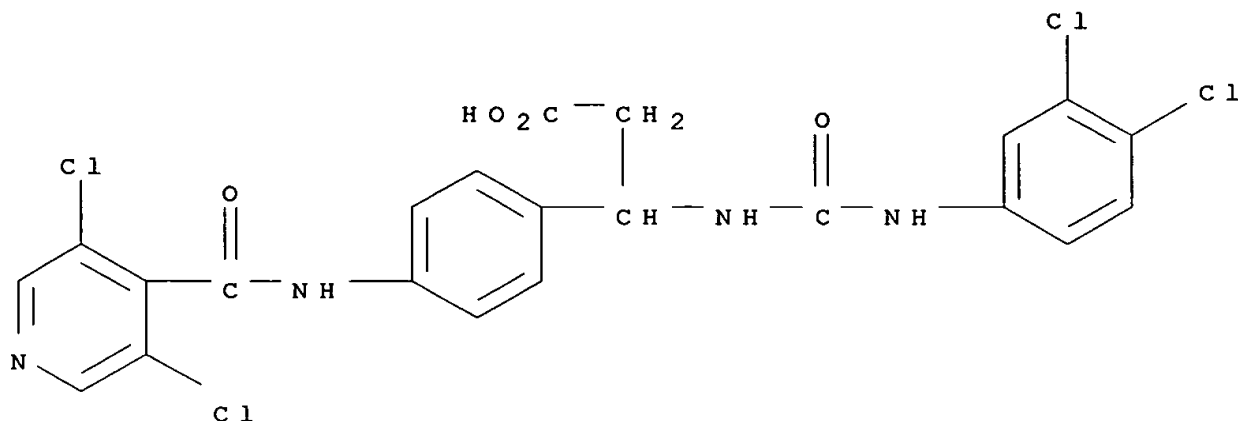
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

L14 ANSWER 3 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273920-20-0 REGISTRY

CN Benzenepropanoic acid, .beta.-[[(3,4-dichlorophenyl)amino]carbonyl]amino]-4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX

NAME)
 FS 3D CONCORD
 MF C22 H16 Cl4 N4 O4
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
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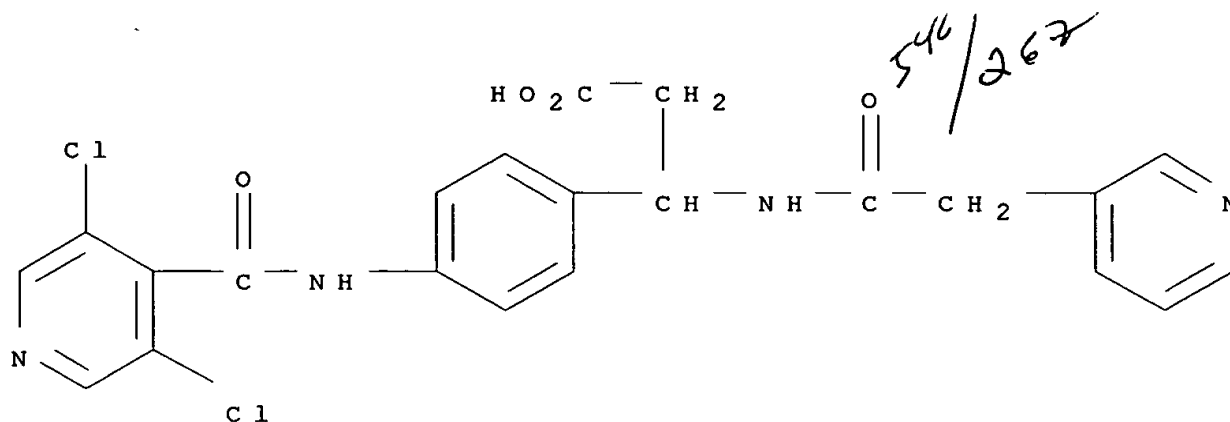
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 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.
 PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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L14 ANSWER 4 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273920-16-4 REGISTRY
 CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[(3-pyridinylacetyl)amino]- (9CI) (CA INDEX NAME)

FS 3D CONCORD
 MF C22 H18 Cl2 N4 O4
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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L14 ANSWER 5 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273920-14-2 REGISTRY

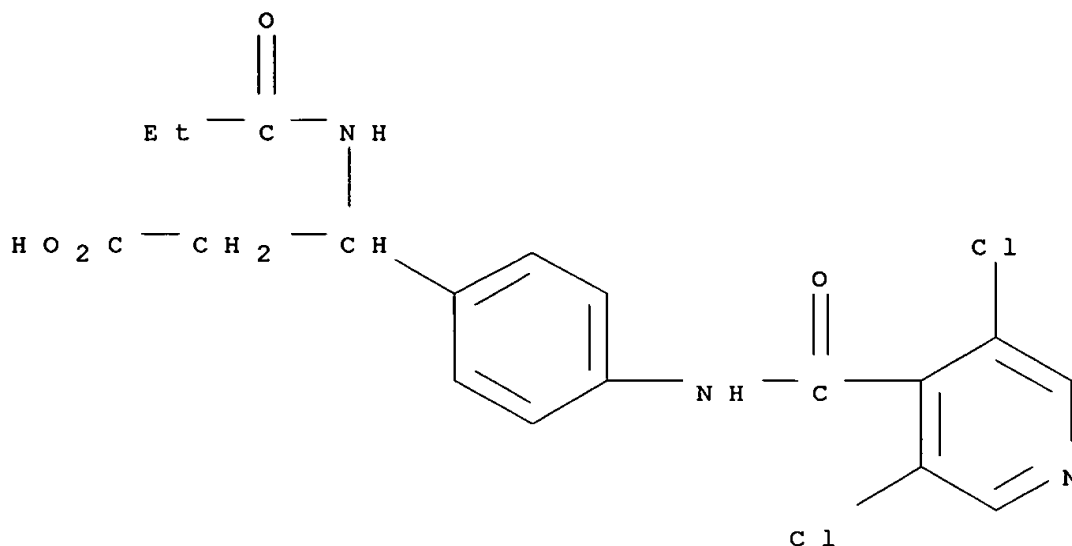
CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[(1-oxopropyl)amino]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C18 H17 Cl2 N3 O4

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129. PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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L14 ANSWER 6 OF 38 REGISTRY COPYRIGHT 2000 ACS

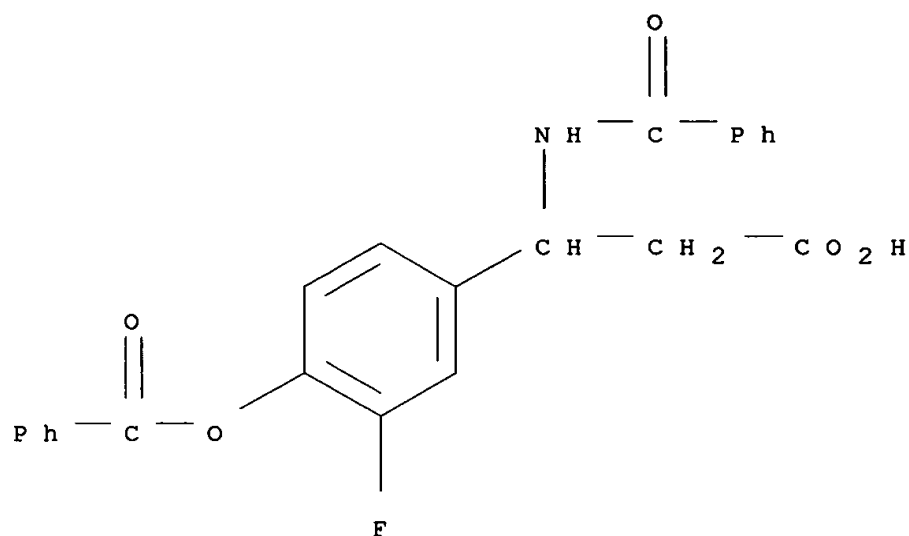
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SR CA

LC STN Files: CA, CAPLUS



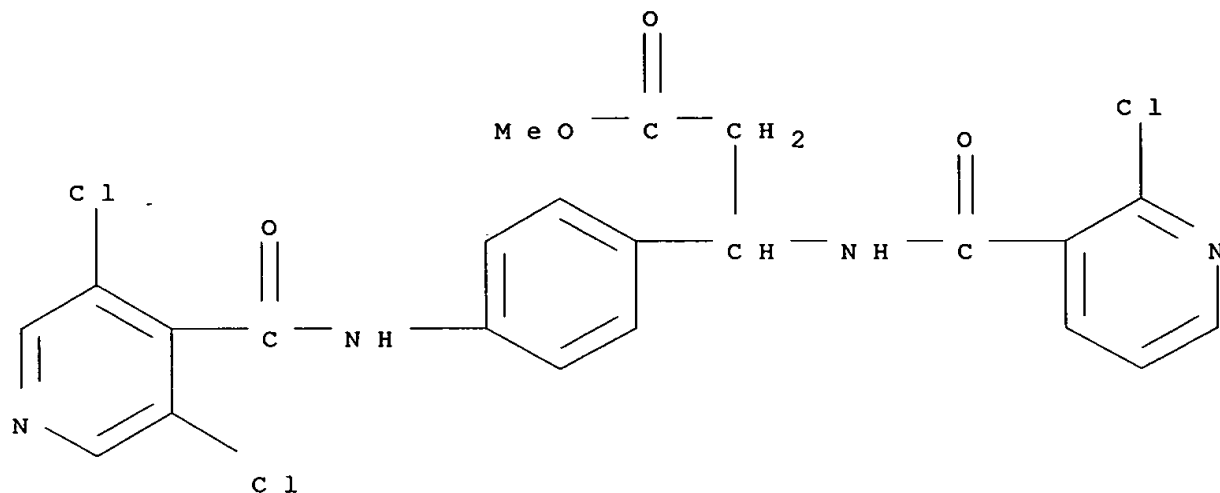
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1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L14 ANSWER 1 OF 38 REGISTRY COPYRIGHT 2000 ACS
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 MF C25 H20 Cl3 N3 O4
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 LC STN Files: CA, CAPLUS

SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO. KIND DATE APPLICATION NO. DATE

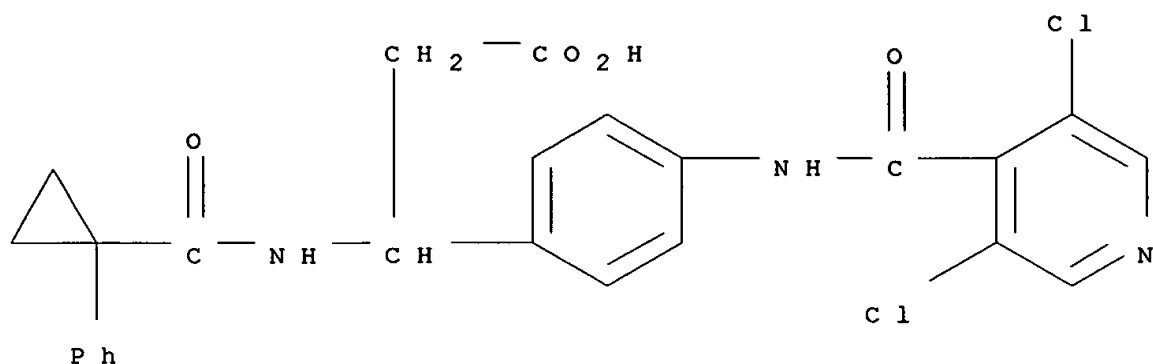
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REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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L14 ANSWER 7 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273920-10-8 REGISTRY

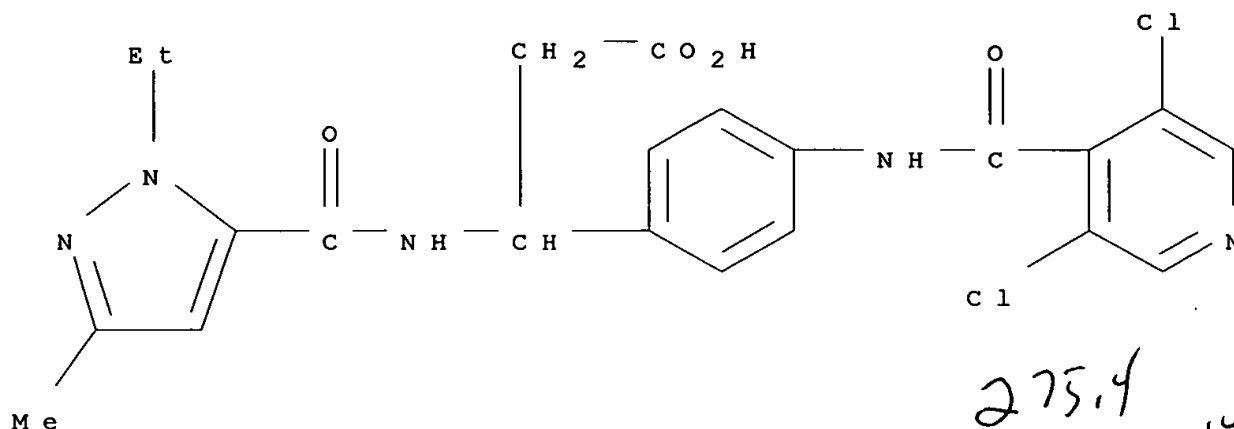
CN **Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]- (9CI)**
(CA INDEX NAME)

FS 3D CONCORD

MF C22 H21 Cl2 N5 O4

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RN 273920-09-5 REGISTRY

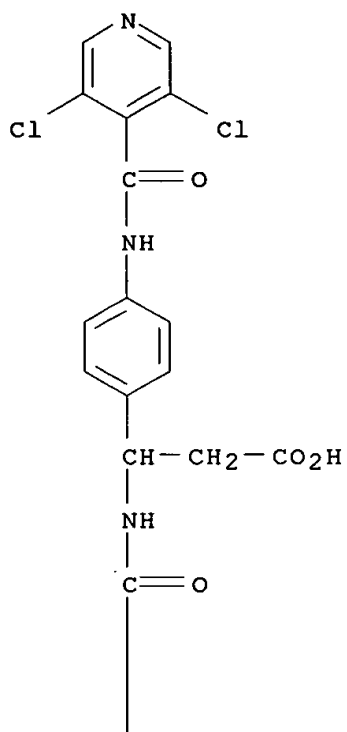
CN **Benzenepropanoic acid, .beta.-[(2,1,3-benzoxadiazol-4-ylcarbonyl)amino]-4-[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]- (9CI)**
(CA INDEX NAME)

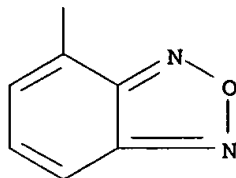
FS 3D CONCORD

MF C22 H15 Cl2 N5 O5

SR CA

LC STN Files: CA, CAPLUS





548/269.1
5.4/338

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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L14 ANSWER 9 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273920-08-4 REGISTRY

CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[(4-methyl-1,2,3-thiadiazol-5-yl)carbonyl]amino]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

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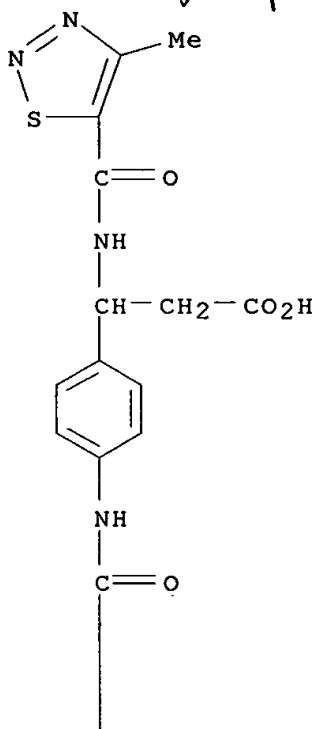
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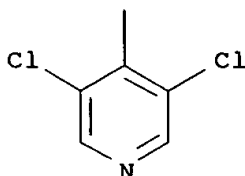
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1 REFERENCES IN FILE CA (1967 TO DATE)
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REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

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L14 ANSWER 10 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273920-07-3 REGISTRY

CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[(1-methyl-5-nitro-1H-pyrazol-4-yl)carbonyl]amino]- (9CI)
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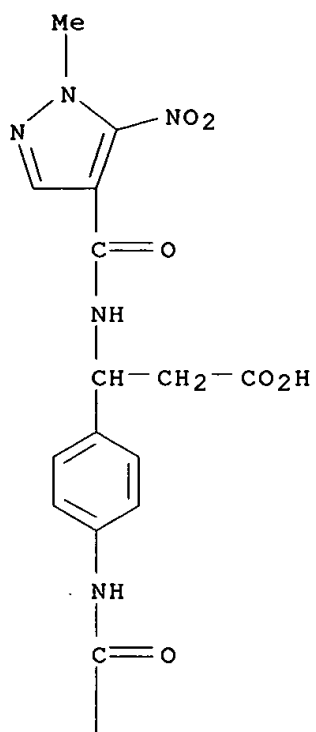
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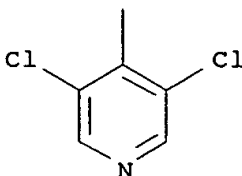
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SR CA

LC STN Files: CA, CAPLUS

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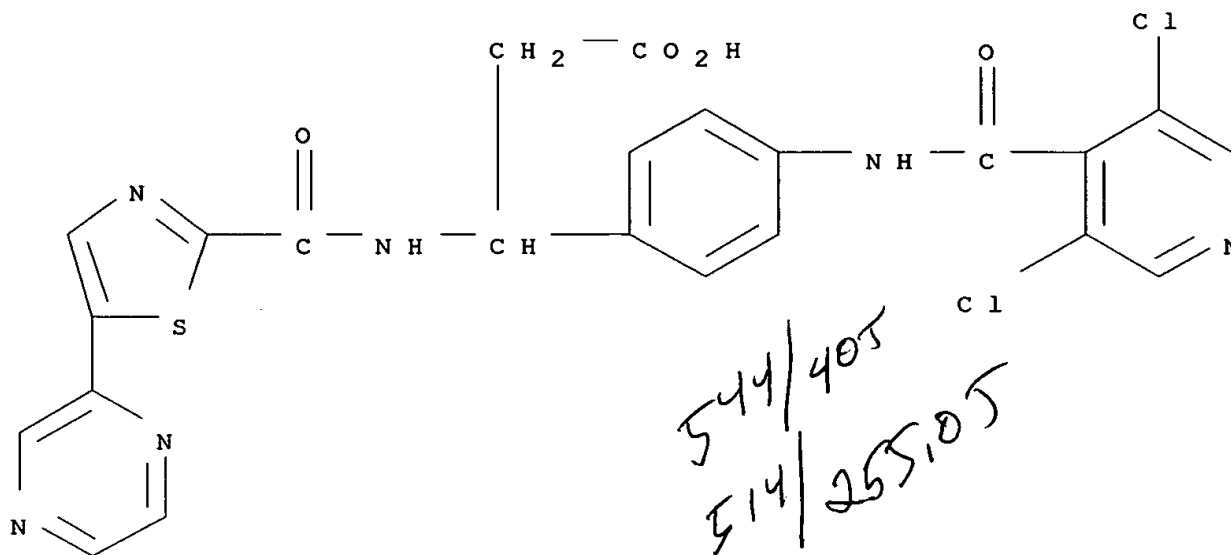
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129. PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RN 273920-06-2 REGISTRY
CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[(5-pyrazinyl-2-thiazolyl)carbonyl]amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H16 Cl2 N6 O4 S
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RN 273920-05-1 REGISTRY

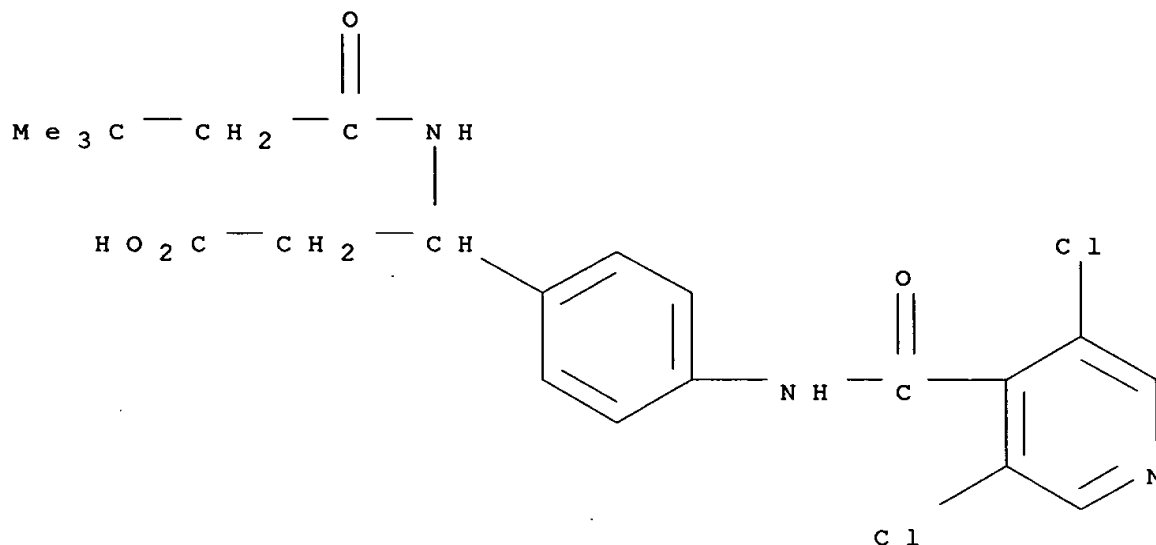
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FS 3D CONCORD

MF C21 H23 Cl2 N3 O4

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LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreilow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

L14 ANSWER 13 OF 38 REGISTRY COPYRIGHT 2000 ACS

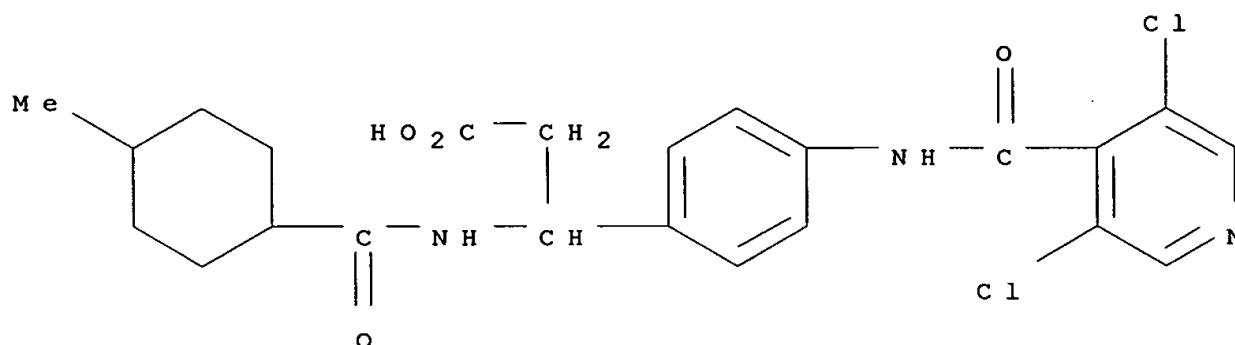
RN 273920-04-0 REGISTRY

CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[(4-methylcyclohexyl)carbonyl]amino]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C23 H25 Cl2 N3 O4

SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

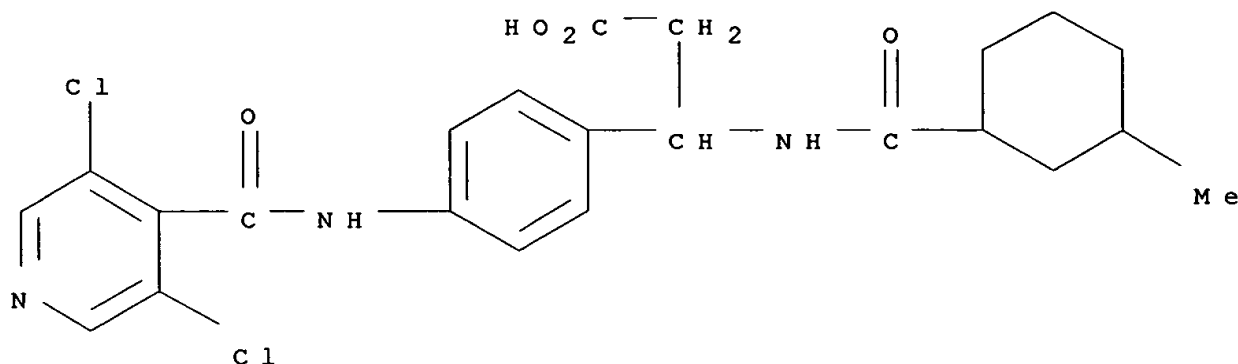
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CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

L14 ANSWER 14 OF 38 REGISTRY COPYRIGHT 2000 ACS
RN 273920-03-9 REGISTRY
CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[3-methylcyclohexyl)carbonyl]amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H25 Cl2 N3 O4
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

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CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

PI

W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 15 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273920-02-8 REGISTRY

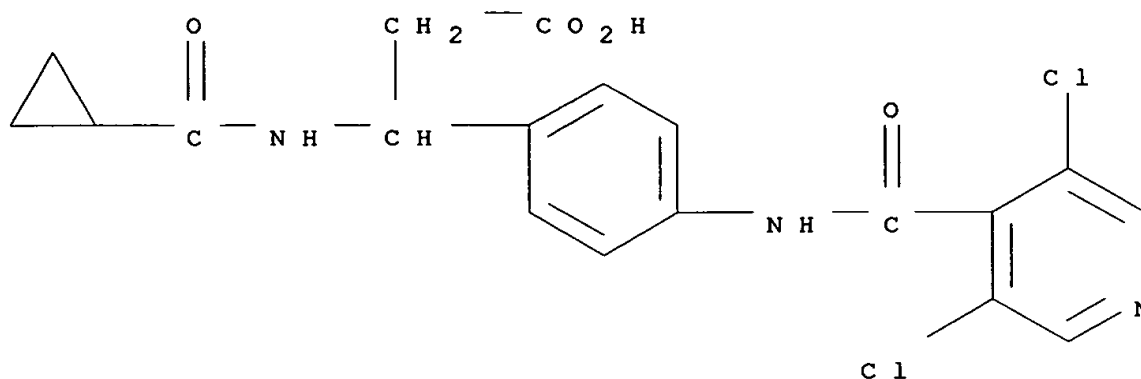
CN Benzenepropanoic acid, .beta.-[(cyclopropylcarbonyl)amino]-4-[[[3,5-dichloro-4-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C19 H17 Cl2 N3 O4

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH,

CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

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RN 273920-01-7 REGISTRY

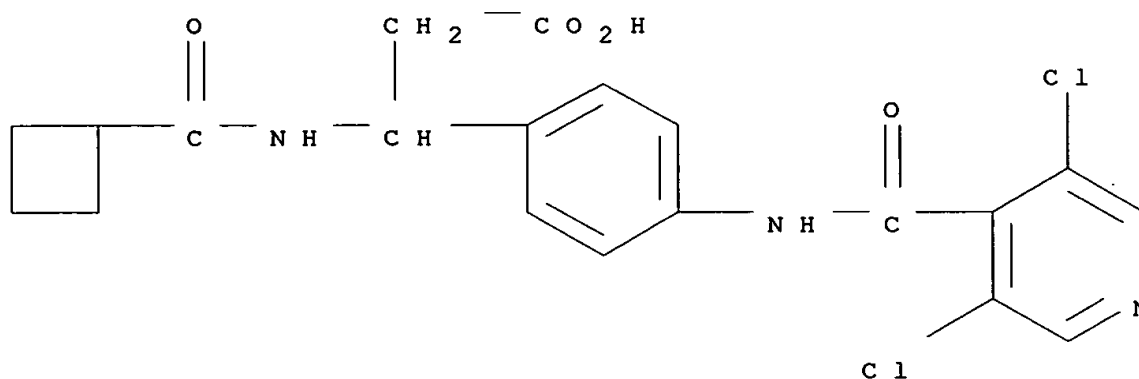
CN Benzenepropanoic acid, .beta.-[(cyclobutylcarbonyl)amino]-4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C20 H19 Cl2 N3 O4

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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L14 ANSWER 17 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273920-00-6 REGISTRY

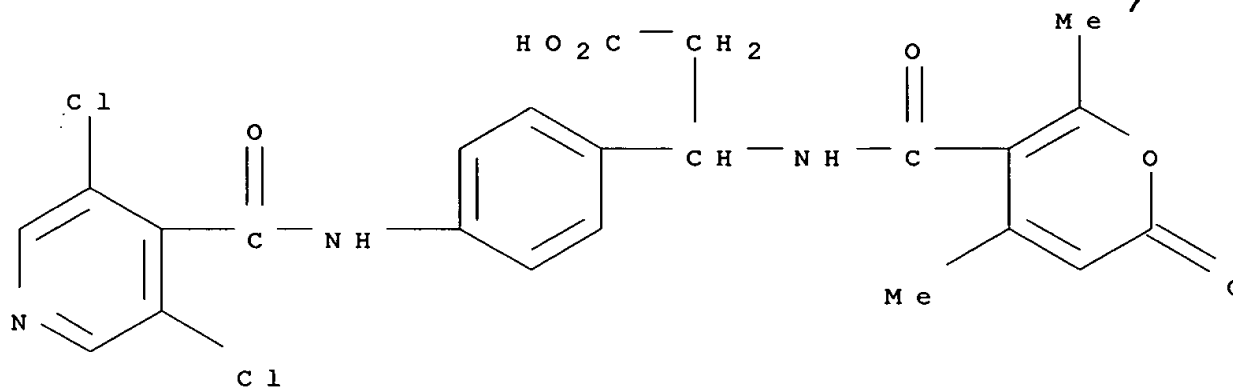
CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[(4,6-dimethyl-2-oxo-2H-pyran-5-yl)carbonyl]amino]- (9CI)
(CA INDEX NAME)

FS 3D CONCORD

MF C23 H19 Cl2 N3 O6

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH,

CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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RN 273919-99-6 REGISTRY

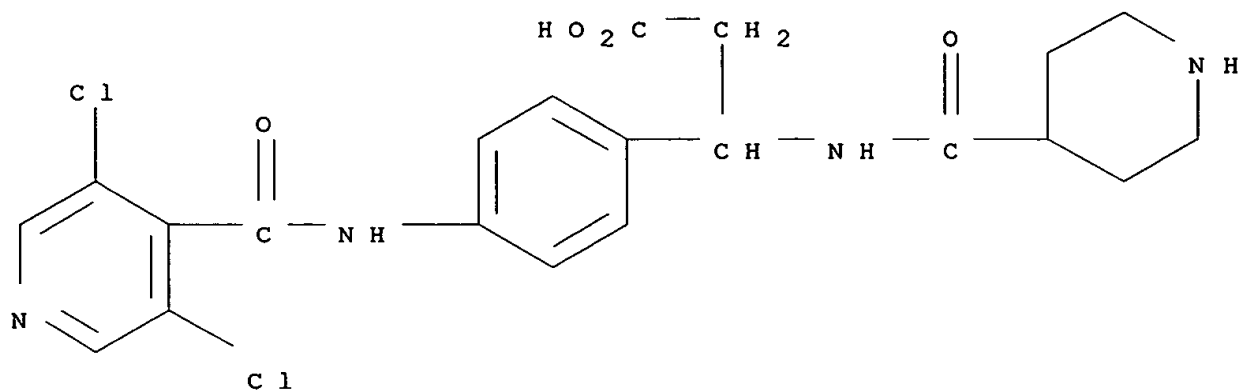
CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[(4-piperidinylcarbonyl)amino]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C21 H22 Cl2 N4 O4

SR CA

LC STN Files: CA, CAPLUS



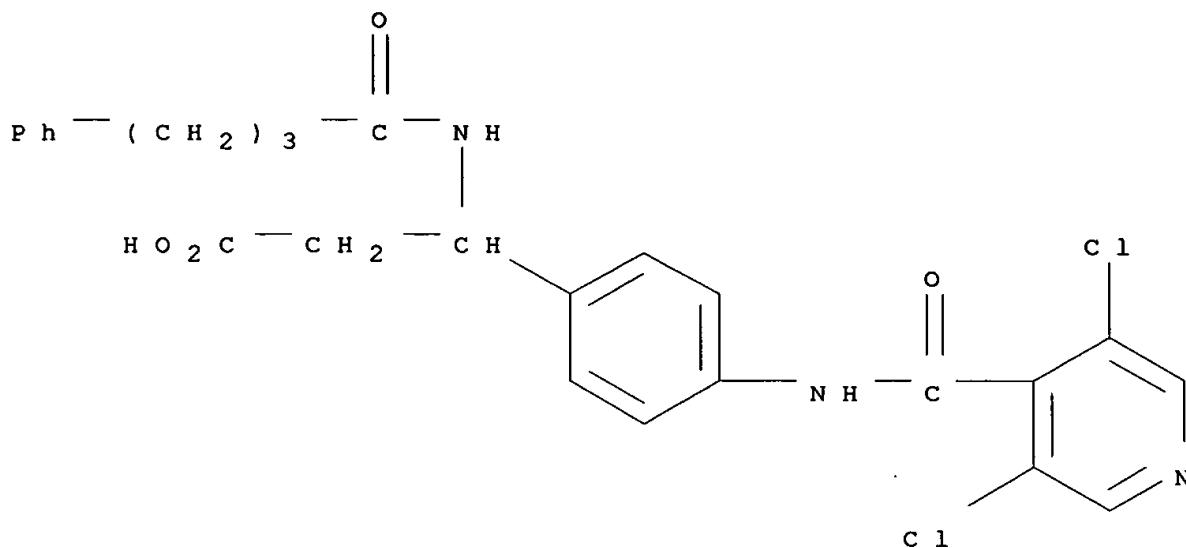
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129. PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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L14 ANSWER 19 OF 38 REGISTRY COPYRIGHT 2000 ACS
RN 273919-98-5 REGISTRY
CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[(1-oxo-4-phenylbutyl)amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H23 Cl2 N3 O4
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

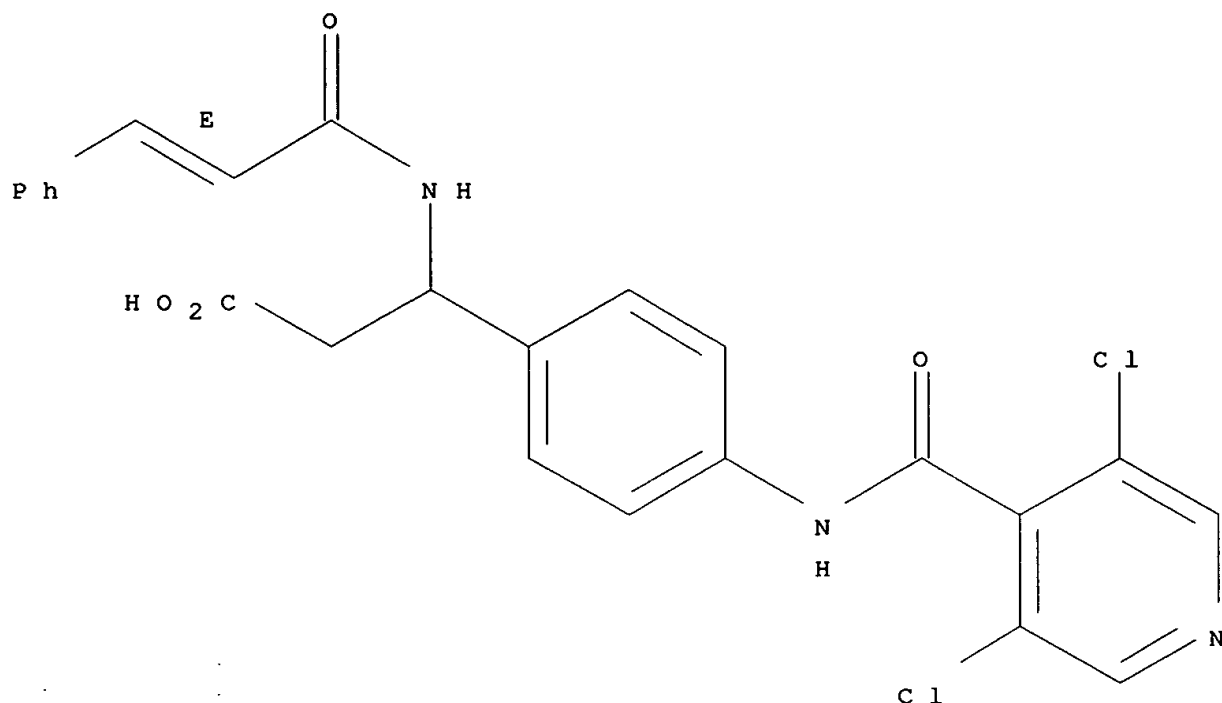
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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L14 ANSWER 20 OF 38 REGISTRY COPYRIGHT 2000 ACS
RN 273919-97-4 REGISTRY
CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.beta.-[[[(2E)-1-oxo-3-phenyl-2-propenyl]amino]]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C24 H19 Cl2 N3 O4
SR CA

LC STN Files: CA, CAPLUS

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,

CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.

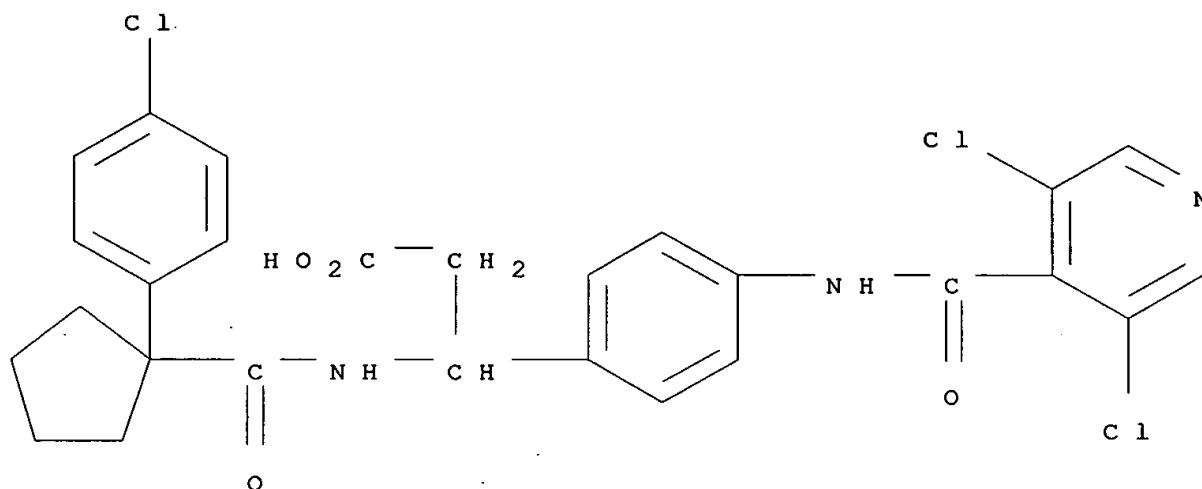
(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO. KIND DATE APPLICATION NO. DATE

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
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L14 ANSWER 21 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-96-3 REGISTRY
 CN Benzenepropanoic acid, .beta.-[[[1-(4-chlorophenyl)cyclopentyl]carbon
 yl]amino]-4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]- (9CI) (CA
 INDEX NAME)
 MF C27 H24 Cl3 N3 O4
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH,

CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

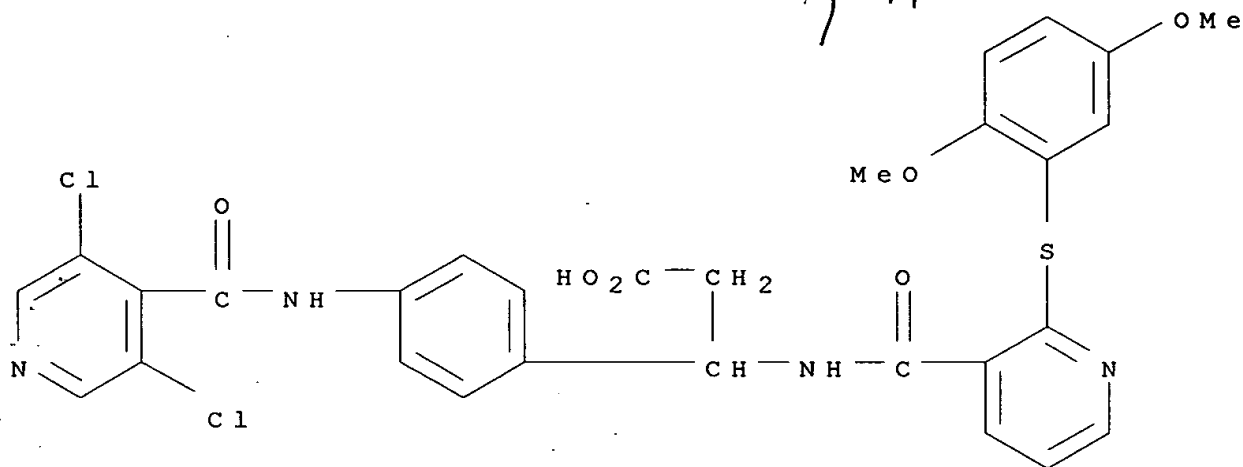
PRIORITY: GB 1998-26174 19981130.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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L14 ANSWER 22 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-95-2 REGISTRY
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 .beta.-[[[2-[(2,5-dimethoxyphenyl)thio]-3-pyridinyl]carbonyl]amino]-
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C29 H24 Cl2 N4 O6 S
 SR CA
 LC STN Files: CA, CAPLUS

548/261
 514/325



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as
 .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford;
 Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics
 Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
 DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

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 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

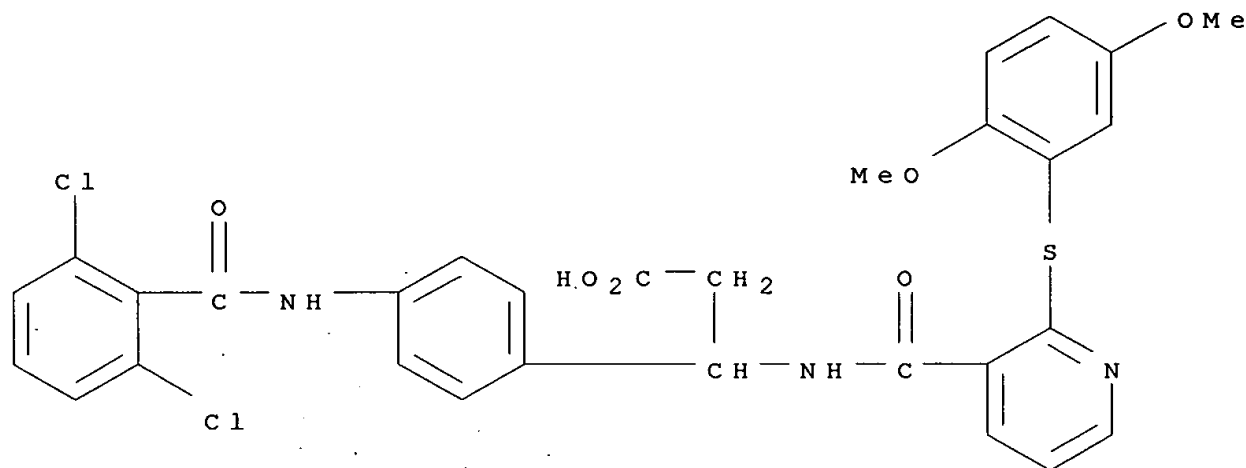
PRIORITY: GB 1998-26174 19981130.

PATENT NO. KIND DATE APPLICATION NO. DATE

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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L14 ANSWER 23 OF 38 REGISTRY COPYRIGHT 2000 ACS
RN 273919-93-0 REGISTRY
CN Benzenepropanoic acid, 4-[(2,6-dichlorobenzoyl)amino]-.beta.-[[[2-[(2,5-dimethoxyphenyl)thio]-3-pyridinyl]carbonyl]amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H25 Cl2 N3 O6 S
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as
.alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford;
Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics
Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,
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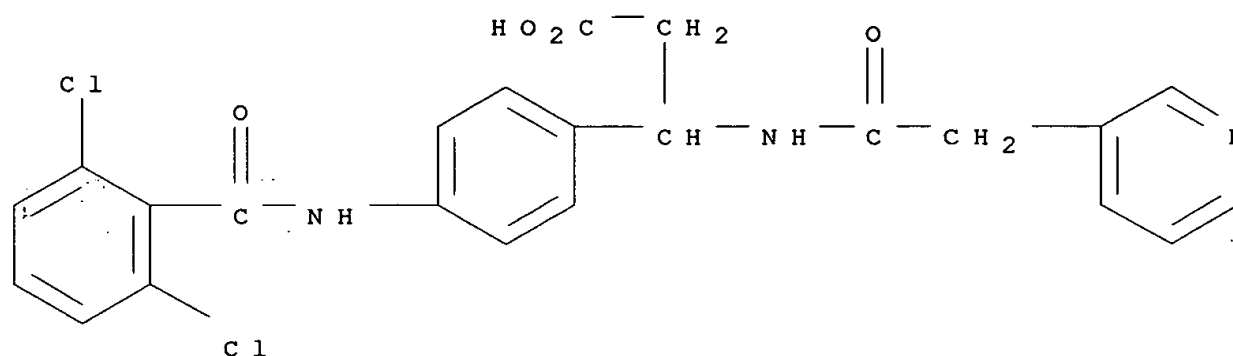
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TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI,
FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.
PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

PI W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
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 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 24 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-92-9 REGISTRY
 CN Benzenepropanoic acid, 4-[(2,6-dichlorobenzoyl)amino]-.beta.-[(3-
 pyridinylacetyl)amino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C23 H19 Cl2 N3 O4
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as
 .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford;
 Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics
 Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,
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 RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI,
 FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.

(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

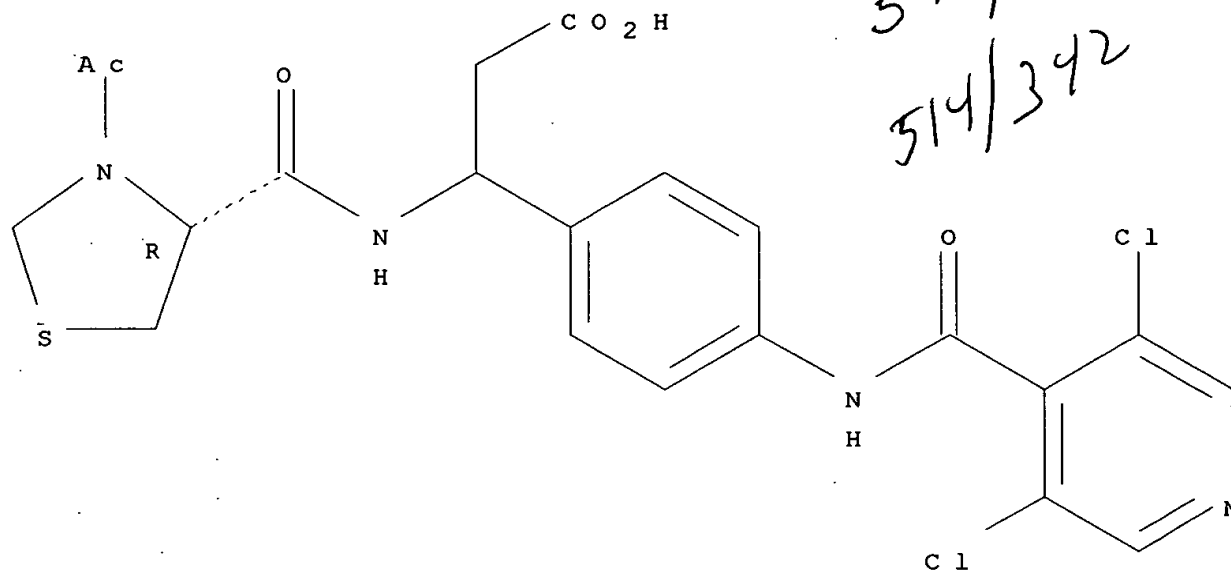
PRIORITY: GB 1998-26174 19981130.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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L14 ANSWER 25 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-90-7 REGISTRY
 CN Benzenepropanoic acid, .beta.-[[[(4R)-3-acetyl-4-thiazolidinyl]carbonyl]amino]-4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C21 H20 Cl2 N4 O5 S
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
 DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

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CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.
 PRIORITY: GB 1998-26174 19981130.

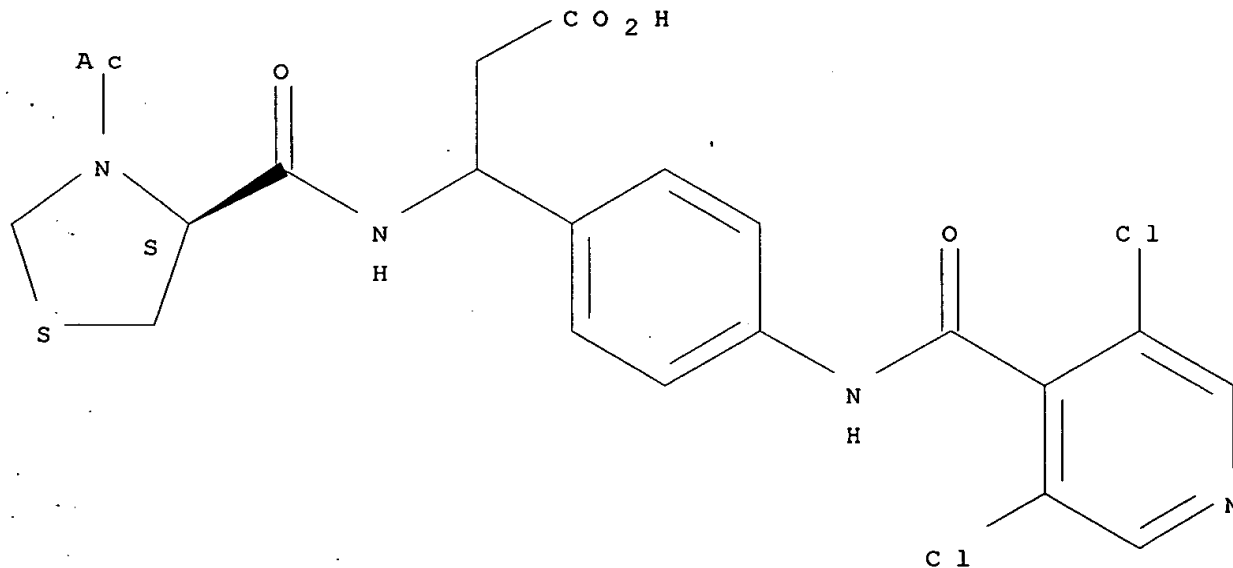
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

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SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,
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 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 26 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-89-4 REGISTRY
 CN Benzenepropanoic acid, .beta.-[[[(4S)-3-acetyl-4-
 thiazolidinyl]carbonyl]amino]-4-[[[(3,5-dichloro-4-
 pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C21 H20 Cl2 N4 O5 S
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as
 .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford;
 Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics
 Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
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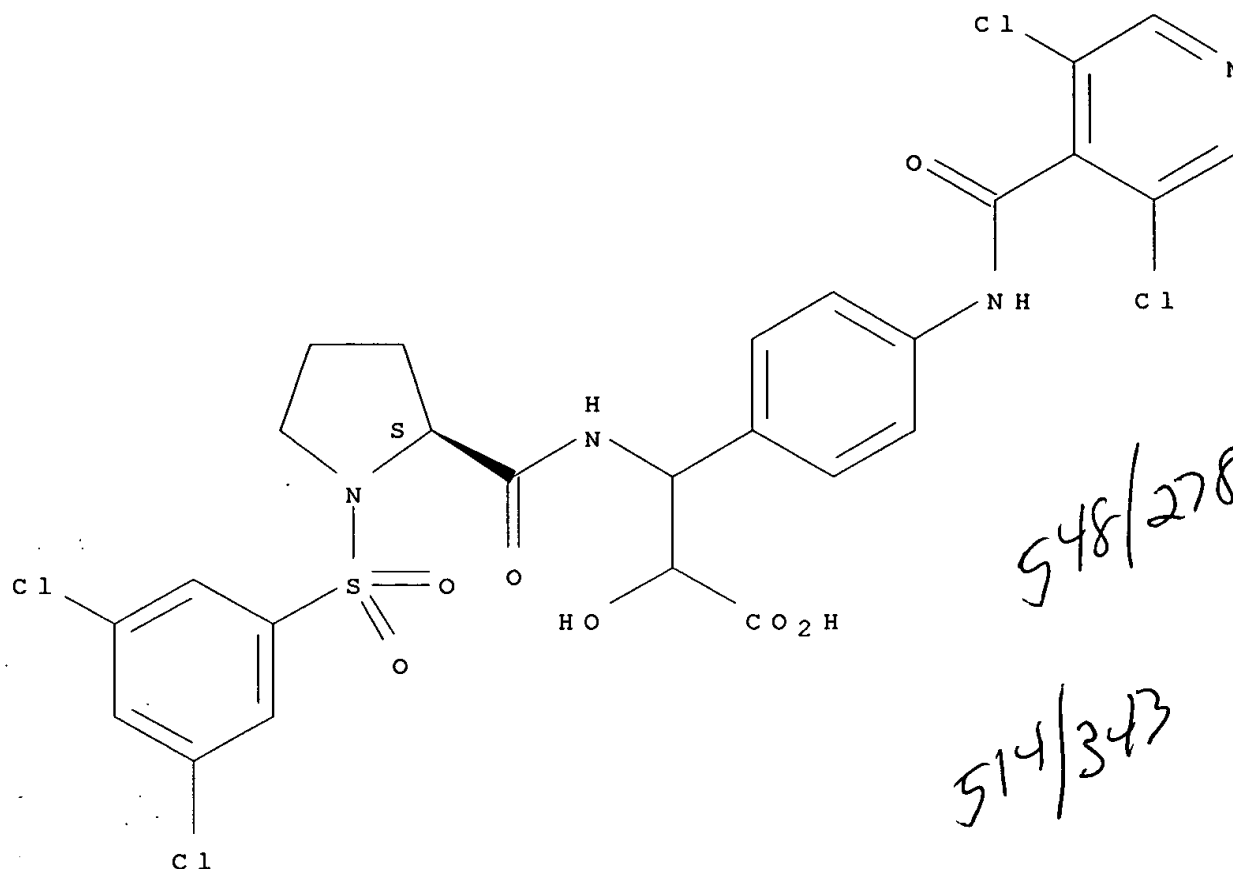
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 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.
 PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 27 OF 38 REGISTRY COPYRIGHT 2000 ACS
RN 273919-88-3 REGISTRY
CN .beta.-Alanine, 1-[(3,5-dichlorophenyl)sulfonyl]-L-prolyl-3-[4-[[(3,5-
dichloro-4-pyridinyl)carbonyl]amino]phenyl]-2-hydroxy- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C26 H22 Cl4 N4 O7 S
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

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CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 28 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273919-87-2 REGISTRY

CN .beta.-Alanine, 1-[(3,5-dichlorophenyl)sulfonyl]-L-prolyl-3-[4-[[(3,5-
dichloro-4-pyridinyl)carbonyl]amino]phenyl]-2-hydroxy-, ethyl ester
(9CI) (CA INDEX NAME)

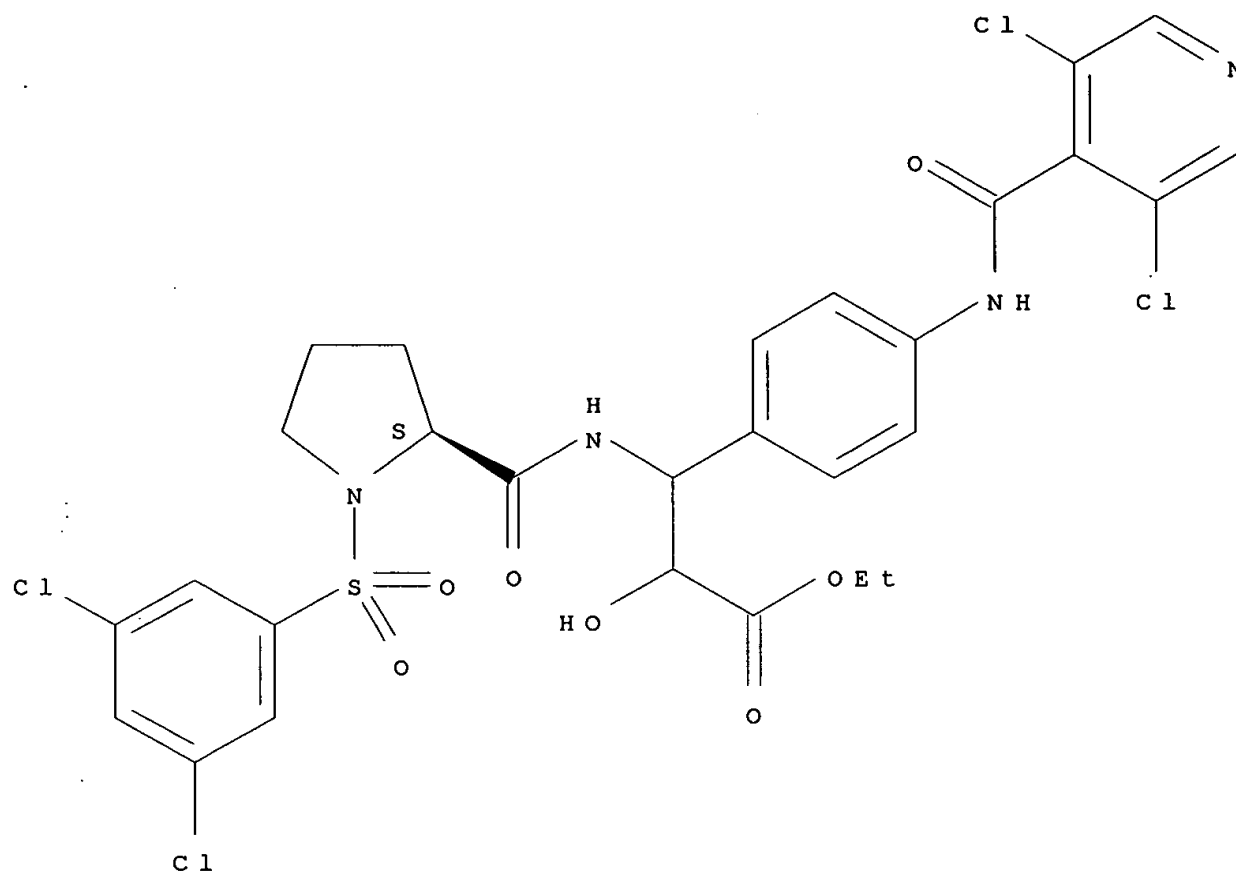
FS STEREOSEARCH

MF C28 H26 Cl4 N4 O7 S

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,

CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.

(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 29 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273919-85-0 REGISTRY

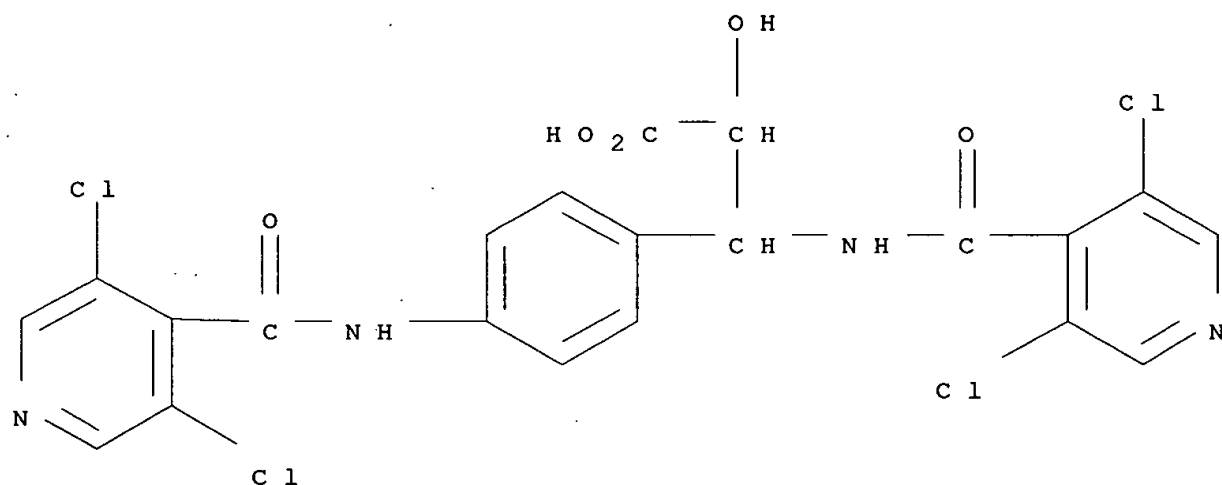
CN Benzenepropanoic acid, .beta.,4-bis[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-.alpha.-hydroxy- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C21 H14 Cl4 N4 O5

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)

1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,

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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

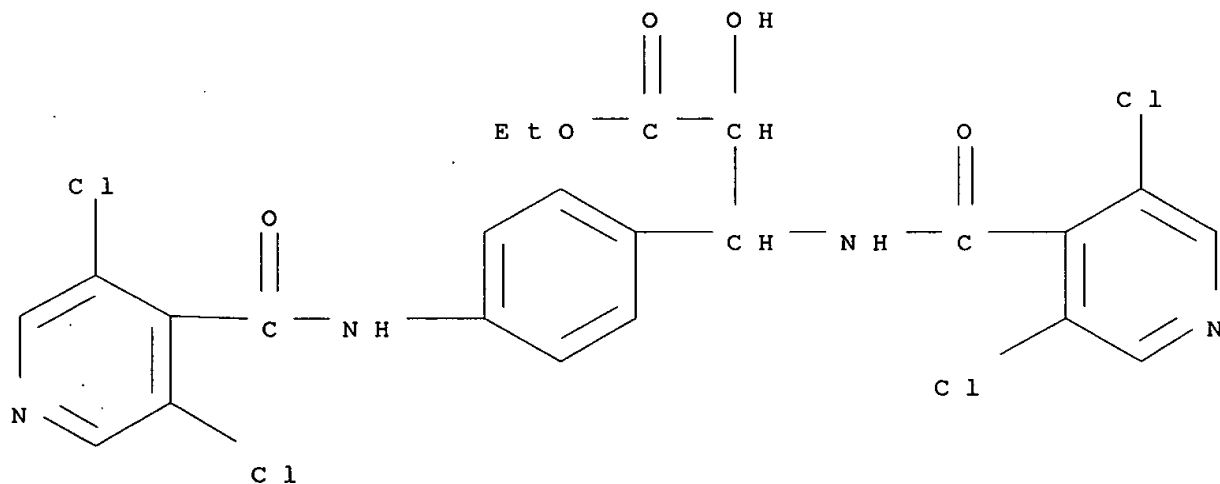
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PI WO 2000032575 A1 20000608 WO 1999-GB3986 19991129

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 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 30 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-84-9 REGISTRY
 CN Benzenepropanoic acid, .beta.,4-bis[[(3,5-dichloro-4-
 pyridinyl)carbonyl]amino]-.alpha.-hydroxy-, ethyl ester (9CI) (CA
 INDEX NAME)
 FS 3D CONCORD
 MF C23 H18 Cl4 N4 O5
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as
 .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford;
 Warreallow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics
 Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,
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 RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI,
 FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

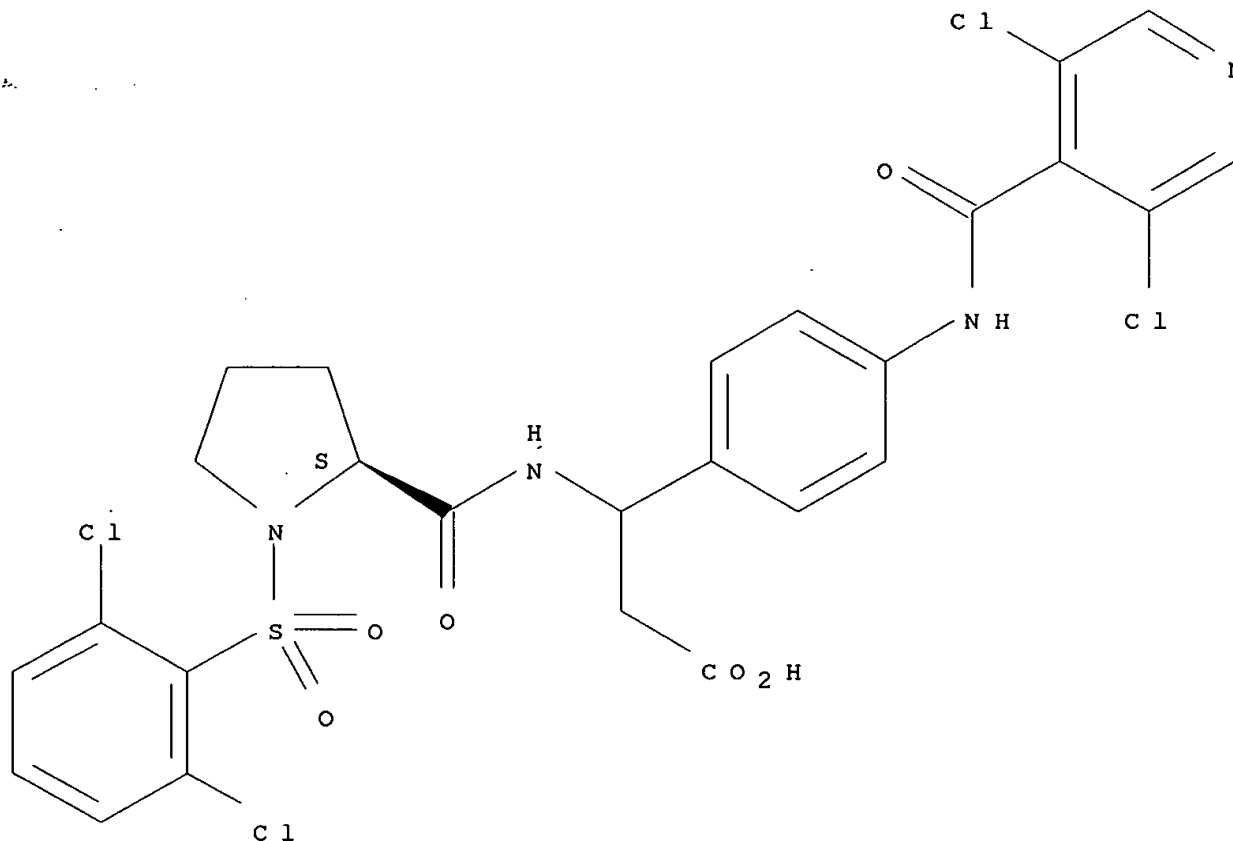
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

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 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 31 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-83-8 REGISTRY
 CN .beta.-Alanine, 1-[(2,6-dichlorophenyl)sulfonyl]-L-prolyl-3-[4-[[[(3,5-
 dichloro-4-pyridinyl)carbonyl]amino]phenyl]- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C26 H22 Cl4 N4 O6 S
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as
 .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford;

Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH,

CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.

(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
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L14 ANSWER 32 OF 38 REGISTRY COPYRIGHT 2000 ACS

RN 273919-82-7 REGISTRY

CN .beta.-Alanine, 1-[(2,6-dichlorophenyl)sulfonyl]-L-prolyl-3-[4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]phenyl]-, methyl ester (9CI) (CA INDEX NAME)

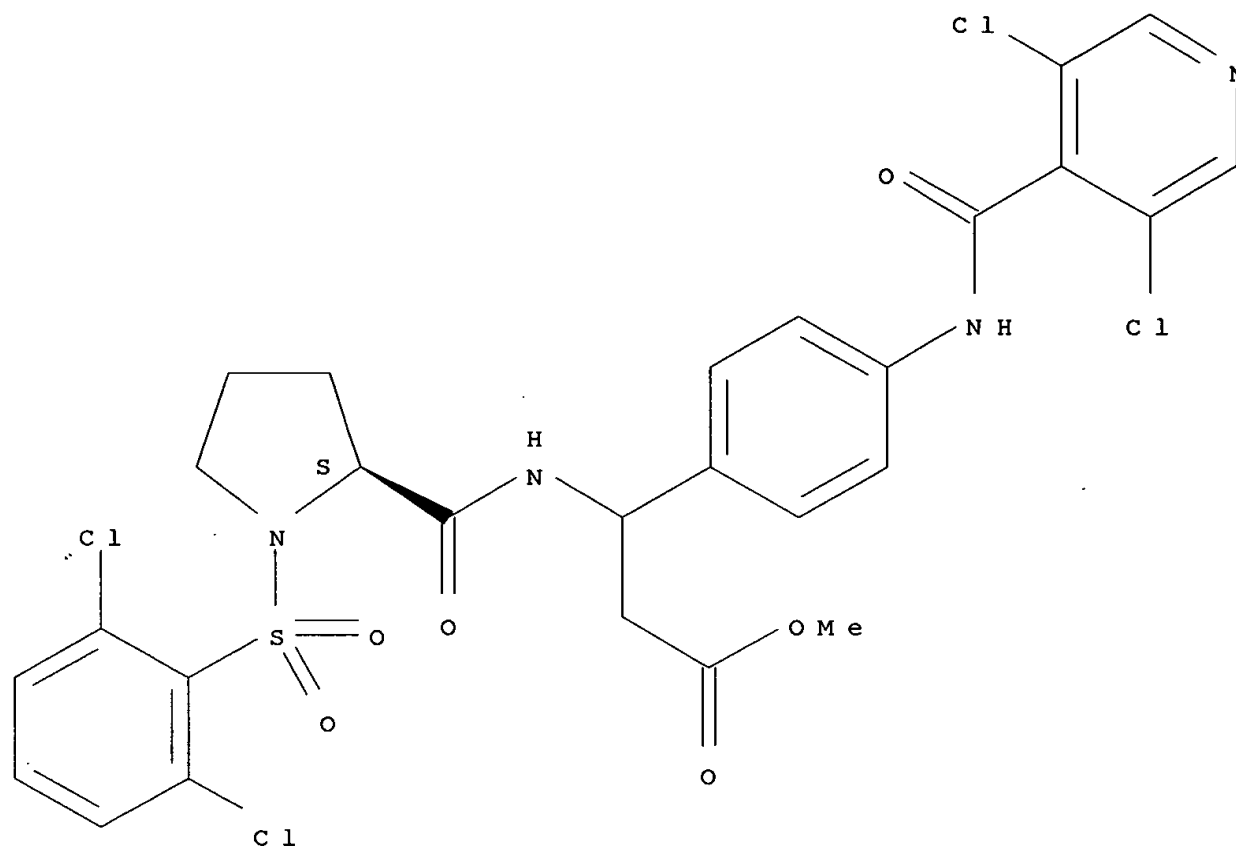
FS STEREOSEARCH

MF C27 H24 Cl4 N4 O6 S

SR CA

LC STN Files: CA, CAPLUS

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH,

CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

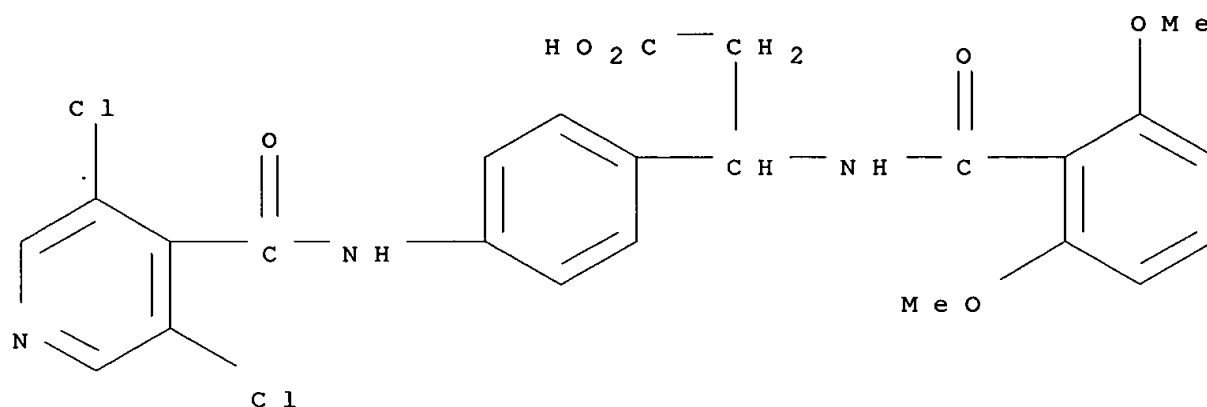
PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032575	A1	20000608	WO 1999-GB3986	19991129

PI W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,

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 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 33 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-74-7 REGISTRY
 CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-
 .beta.-[(2,6-dimethoxybenzoyl)amino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C24 H21 Cl2 N3 O6
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as
 .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford;
 Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics
 Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
 DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

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 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

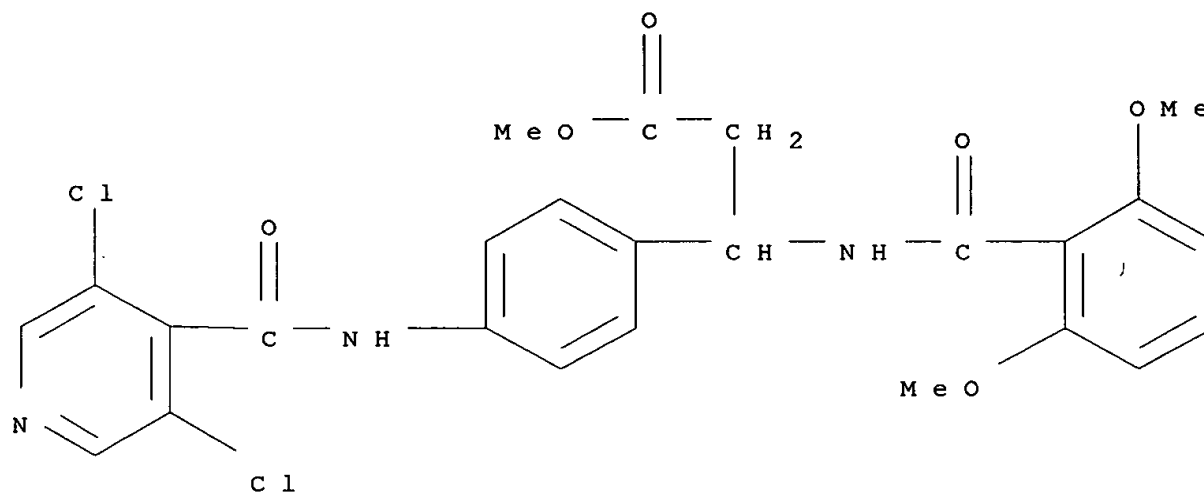
PRIORITY: GB 1998-26174 19981130.

PATENT NO. KIND DATE APPLICATION NO. DATE

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 34 OF 38 REGISTRY COPYRIGHT 2000 ACS
RN 273919-73-6 REGISTRY
CN Benzenepropanoic acid, 4-[[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-
.beta.-[(2,6-dimethoxybenzoyl)amino]-, methyl ester (9CI) (CA INDEX
NAME)
FS 3D CONCORD
MF C25 H23 Cl2 N3 O6
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as
.alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford;
Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics
Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

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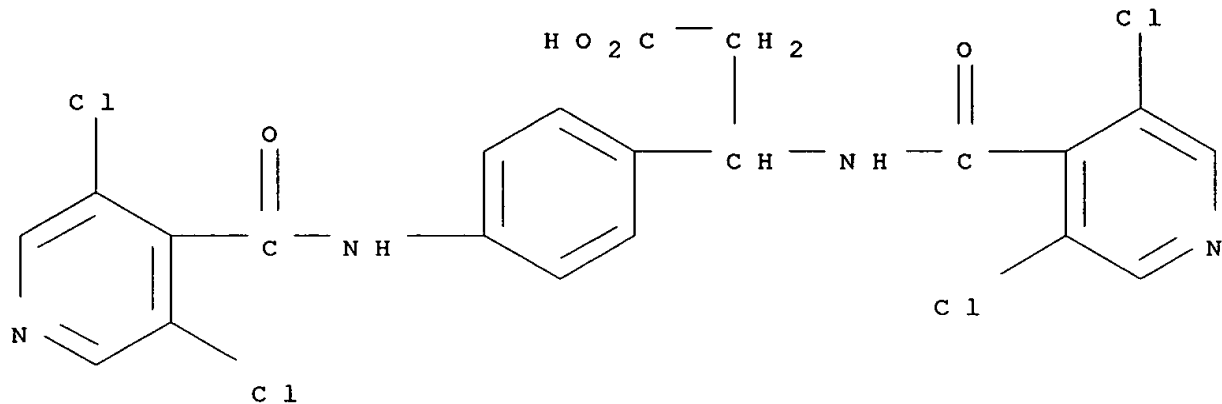
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MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI,
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(English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.
PRIORITY: GB 1998-26174 19981130.

PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2000032575 A1 20000608 WO 1999-GB3986 19991129
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CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

L14 ANSWER 35 OF 38 REGISTRY COPYRIGHT 2000 ACS
RN 273919-72-5 REGISTRY
CN Benzenepropanoic acid, .beta.,4-bis[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H14 Cl4 N4 O4
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.

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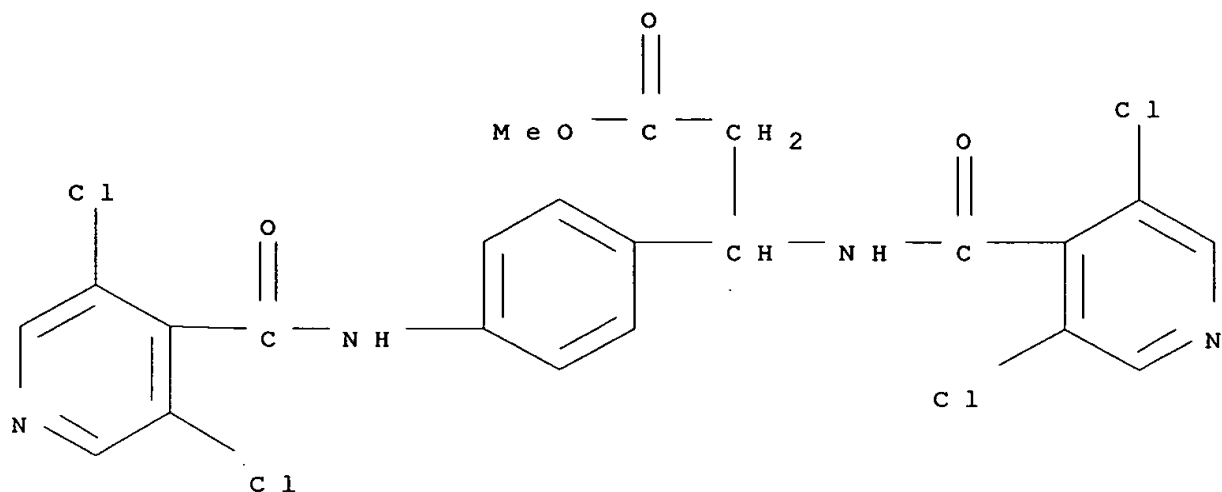
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PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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L14 ANSWER 36 OF 38 REGISTRY COPYRIGHT 2000 ACS
RN 273919-71-4 REGISTRY

CN Benzenepropanoic acid, .beta.,4-bis[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-, methyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H16 Cl4 N4 O4
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
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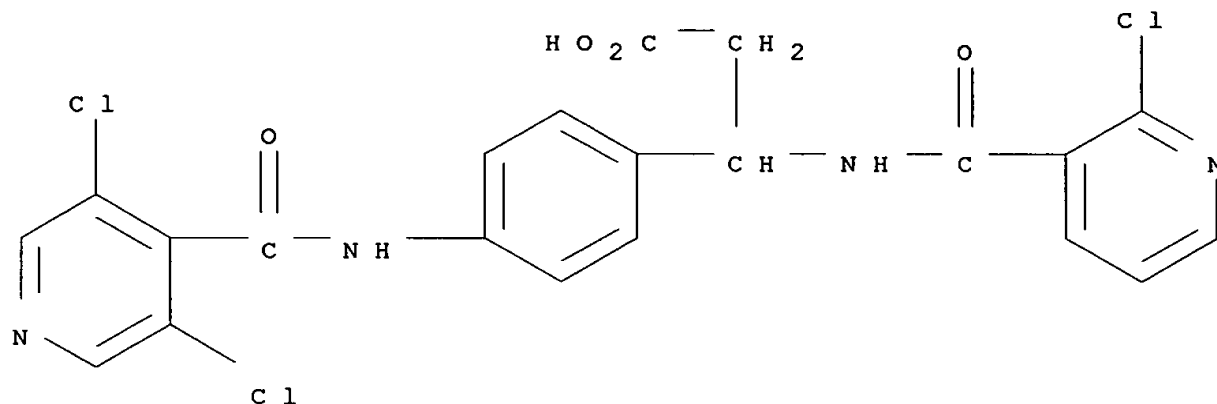
REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
 DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.
 PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

L14 ANSWER 37 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-70-3 REGISTRY
 CN Benzenepropanoic acid, .beta.-[[(2-chloro-3-pyridinyl)carbonyl]amino]-

4-[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H15 Cl3 N4 O4
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:30662 Preparation of N-heteroaroyl-.beta.-alanines as .alpha.4 integrin inhibitors. Porter, John Robert; Head, John Clifford; Warrellow, Graham John; Archibald, Sarah Catherine (Celltech Therapeutics Limited, UK). PCT Int. Appl. WO 2000032575 A1 20000608, 66 pp.
 DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA,

CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB3986 19991129.

PRIORITY: GB 1998-26174 19981130.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000032575	A1	20000608	WO 1999-GB3986	19991129
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

L14 ANSWER 38 OF 38 REGISTRY COPYRIGHT 2000 ACS
 RN 273919-69-0 REGISTRY
 CN Benzenepropanoic acid, .beta.-[[(2-chloro-3-pyridinyl)carbonyl]amino]-4-[[(3,5-dichloro-4-pyridinyl)carbonyl]amino]-, methyl ester (9CI)
 (CA INDEX NAME)
 FS 3D CONCORD
 MF C22 H17 Cl3 N4 O4

=> s 2802-52-0

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L6 1 L5

=> d

L6 ANSWER 1 OF 1 CAOLD COPYRIGHT 2000 ACS
AN CA51:2748e CAOLD
TI chem. constitution and pharmacol. action in the imidazoline series
AU Novelli, Armando; Fernandez Long, P.
IT 1082-56-0 **2802-52-0** 3160-17-6 3160-18-7 17450-62-3
 17450-63-4 107774-01-6 109966-27-0 110028-88-1

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L17 2 L16

=> d 1-2

L17 ANSWER 1 OF 2 CAOLD COPYRIGHT 2000 ACS

AN CA53:2106b CAOLD

TI synthesis of .beta.-amino acids from aromatic hydroxy and alkoxy aldehydes

AU Rodionov, V. M.; Dudinskaya, A. A.; Avramenko, V. G.; Suvorov, N. N.

IT 531-81-7 4475-29-0 5678-45-5 6049-54-3 6099-03-2 17449-03-5
68208-19-5 100397-72-6 **102594-51-4** 102872-33-3 116600-62-5
120023-66-7

L17 ANSWER 2 OF 2 CAOLD COPYRIGHT 2000 ACS

AN CA52:6260b CAOLD

TI synthesis of .beta.-diiodotyrosine

AU Rodionov, V. M.; Suvorov, N. N.; Avramenko, V. G.; Morozovskaya, L. M.

IT 830-09-1 3734-24-5 5678-45-5 6049-54-3 100884-59-1
102594-51-4 102872-34-4 102882-29-1 103855-74-9 109252-60-0

FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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=> s 110375-70-7

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L2 1 L1

=> d

L2 ANSWER 1 OF 1 CAOLD COPYRIGHT 2000 ACS
AN CA55:6431c CAOLD
TI hormones of the thyroid gland and their analogs - (V) synthesis of
.beta.-thyroxine
AU Suvorov, N. N.; Dudinskaya, A. A.
IT 100379-40-6 101096-70-2 102012-12-4 102460-89-9 103386-98-7 103646-74-8
106474-14-0 110375-70-7 124117-92-6

=> s 102012-12-4

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L4 1 L3

=> d

L4 ANSWER 1 OF 1 CAOLD COPYRIGHT 2000 ACS
AN CA55:6431c CAOLD
TI hormones of the thyroid gland and their analogs - (V) synthesis of
.beta.-thyroxine
AU Suvorov, N. N.; Dudinskaya, A. A.
IT 100379-40-6 101096-70-2 102012-12-4 102460-89-9 103386-98-7
103646-74-8 106474-14-0 110375-70-7 124117-92-6